

# SAFETY DATA SHEET (SDS) according to Regulation (EC) No. 830/2015 amending 1907/2006

1.1	on 1: Identification of the substance/mixt  Product identifier:	660-DEVD-FMK
1.1a	Other means of identification:	OOO DE VB 1 WIIK
1.1b	Alternative product name(s)/ sy	roonyms: FLICA 660-DEVD-FMK Caspase-3/7 Inhibitor; FLICA 660-DEVD-FMK
1.10	Alternative product name(s)/ sy	660-DEVD; FLICA 660 Caspase-3/7 Probe; Far-Red Caspase-3/7
		Probe; a 655 nm fluorescence-labeled derivative of
		aspartylglutamylvalylaspartic acid fluoromethyl ketone.
1.1c	Product number/Catalog #(s):	6344
1.1d	Internal identification:	660-DEVD-FMK
1.2	Relevant identified uses of the substa	
1.2	mixture and uses advised against:	To research use only. Not for use in diagnostic procedures.
1.2a	Brief description of what the substance o	mixture is Caspase enzyme inhibitor and apoptosis detection reagent.
1. <b>2</b> u	intended to do:	Caspase crizyme initiation and apoptosis detection reagent.
1.3	Details of the supplier of the SDS:	
1.3a	Name:	ImmunoChemistry Technologies, LLC (ICT)
1.3b	Address:	9401 James Avenue South, Suite 155
1.3c	City, State, Zip, Country	Bloomington, MN 55431-2500 USA
1.3d	Phone number:	1-800-829-3194 and 952-888-8788
1.3e	Fax number:	952-888-8988
1.3f	Website:	www.immunochemistry.com
1.3g	Email:	help@immunochemistry.com
1.3h	Contact person at ICT:	Quality Documentation Department
1.4	Emergency telephone number:	ICT: 1-800-829-3194 (USA & Canada) or 952-888-8788 world wide;
		ICT hours are 9 am-5 pm central time USA, Monday through Friday
		(excluding holidays). Chemtrec 24-hour access within USA and
		Canada: 1-800-424-9300 or +1 703-527-3887. Collect calls accepted.
Section	on 2: Hazards identification	
2.1	Classification of the substance or mix	ture: .
2.1a	Product is a:	Substance.
2.1b	Classification according to (EC) No. 1272	/2008 Does not meet the criteria for classification.
	{CLP}:	
2.1c	The most important adverse physiochem	cal, human Refer to Sections 9-12.
	health, and environmental effects:	
2.2	Label elements:	None.
2.2a	GHS label elements, including precaution	ary None.
	statements:	
2.2b	Contains:	None.
2.2c	Labeling in accordance with (EC) No. 12	72/2008: None.
2.2d	Hazard Pictograms (Hazard Symbols):	None.
2.2e	Signal word:	None.
2.2f	Hazard statements:	None.
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	Precautionary statements:	None.
2.2g	,	None.
2.2g 2.2h	Supplementary precaution statements:  Other hazards:	None.
2.2g 2.2h <b>2.3</b>	Supplementary precaution statements:	None. No additional information available.
2.2g 2.2h <b>2.3</b> 2.3a	Supplementary precaution statements:  Other hazards:	None. No additional information available.  BT or vPvB? Not applicable.
2.2g 2.2h <b>2.3</b> 2.3a	Supplementary precaution statements:  Other hazards:  Does the chemical meet the criteria for P	None. No additional information available.  BT or vPvB? Not applicable.
2.2g 2.2h <b>2.3</b> 2.3a 2.3b	Supplementary precaution statements:  Other hazards:  Does the chemical meet the criteria for P	None. No additional information available.  BT or vPvB? Not applicable. sification: No information available.
2.2g 2.2h 2.3 2.3a 2.3b	Supplementary precaution statements: Other hazards: Does the chemical meet the criteria for P Other hazards which do not result in clas on 3: Composition/information on ingred Substance:	None. No additional information available.  BT or vPvB? Not applicable. sification: No information available.  ients  Item is a substance.
2.2g 2.2h 2.3 2.3a 2.3b	Supplementary precaution statements: Other hazards: Does the chemical meet the criteria for P Other hazards which do not result in clas	None. No additional information available.  BT or vPvB? Not applicable. sification: No information available.  ients
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2.2g 2.2h 2.3 2.3a 2.3b	Supplementary precaution statements: Other hazards: Does the chemical meet the criteria for P Other hazards which do not result in clas on 3: Composition/information on ingred Substance: 3.1a Chemical identity:	None. No additional information available.  BT or vPvB? Not applicable. sification: No information available.  ients  Item is a substance. 660-DEVD-FMK
2.2g 2.2h <b>2.3</b> 2.3a 2.3b	Supplementary precaution statements: Other hazards: Does the chemical meet the criteria for P Other hazards which do not result in clas on 3: Composition/information on ingred Substance: 3.1a Chemical identity: 3.1b Common name, synonyms, etc.:	None. No additional information available.  BT or vPvB? Not applicable. sification: No information available.  ients  Item is a substance. 660-DEVD-FMK None. 3.1e % 3.1f Classification according to (EC) No.
2.2g 2.2h <b>2.3</b> 2.3a 2.3b	Supplementary precaution statements:  Other hazards:  Does the chemical meet the criteria for P Other hazards which do not result in clas  on 3: Composition/information on ingred Substance:  3.1a Chemical identity: 3.1b Common name, synonyms, etc.: 3.1c CAS number and	None. No additional information available.  BT or vPvB? Not applicable. sification: No information available.  ients  Item is a substance. 660-DEVD-FMK None. 3.1e % Concentration: 1272/2008 {CLP}:
2.2g 2.2h 2.3 2.3a 2.3b	Supplementary precaution statements:  Other hazards:  Does the chemical meet the criteria for P Other hazards which do not result in class  on 3: Composition/information on ingred Substance:  3.1a Chemical identity:  3.1b Common name, synonyms, etc.:  3.1c CAS number and other unique identifiers:  3.1d EC	None. No additional information available.  BT or vPvB? Not applicable. sification: No information available.  ients  Item is a substance. 660-DEVD-FMK None. 3.1e % Concentration: 1272/2008 {CLP}:
2.2g 2.2h 2.3 2.3a 2.3b Section 3.1	Supplementary precaution statements:  Other hazards:  Does the chemical meet the criteria for P Other hazards which do not result in class  on 3: Composition/information on ingred Substance:  3.1a Chemical identity:  3.1b Common name, synonyms, etc.:  3.1c CAS number and other unique identifiers:  3.1d EC	None. No additional information available.  BT or vPvB? Not applicable. sification: No information available.  ients  Item is a substance. 660-DEVD-FMK None. 3.1e % 3.1f Classification according to (EC) No. number: Concentration: 1272/2008 {CLP}: ne. 100% Not classified.
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2.2g 2.2h <b>2.3</b> 2.3a 2.3b	Supplementary precaution statements:  Other hazards:  Does the chemical meet the criteria for P Other hazards which do not result in class  on 3: Composition/information on ingred Substance:  3.1a Chemical identity:  3.1b Common name, synonyms, etc.:  3.1c CAS number and other unique identifiers:  None.  No  Chemical identity of any impurity, stabiliz or individual constituent other than the meaning of the constituent of the co	None.  No additional information available.  BT or vPvB? Not applicable. sification: No information available.  ients  Item is a substance. 660-DEVD-FMK None. 3.1e % 3.1f Classification according to (EC) No. number: Concentration: 1272/2008 {CLP}: ne. 100% Not classified.  None known.
2.2g 2.2h 2.3 2.3a 2.3b Section 3.1	Supplementary precaution statements:  Other hazards:  Does the chemical meet the criteria for P Other hazards which do not result in class  on 3: Composition/information on ingred Substance:  3.1a Chemical identity:  3.1b Common name, synonyms, etc.:  3.1c CAS number and other unique identifiers:  None.  No  Chemical identity of any impurity, stabiliz or individual constituent other than the m constituent, which is itself classified and the constituent of the const	None.  No additional information available.  BT or vPvB? Not applicable.  sification: No information available.  ients  Item is a substance. 660-DEVD-FMK None.  3.1e % Concentration: 1272/2008 {CLP}: ne. 100% Not classified.  None known.
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Section	on 4: First aid measures	6.17 C. 03/20/2017, Oupersedes. 1 17-03-7-7-0, 1 age 2 01 0
4.1	Description of first aid measures:	If concerned, get medical attention/advice and provide physician with
7.1	Description of mist all incasures.	SDS information. Wash contaminated clothing before reuse. Never
		give anything by mouth to an unconscious person.
4.1a	Inhalation:	Due to the small packaging the risk of inhalation is minimal. Remove to
1.14	miladion.	fresh air and keep at rest in a comfortable position for breathing. If not
		breathing, give artificial respiration. Rinse nose and mouth with water.
		Get medical attention if any discomfort continues.
4.1b	Skin contact:	Wash skin thoroughly with soap and water for several minutes;
		continue to rinse for at least 15 minutes. Remove any contaminated
		clothing and shoes and wash thoroughly before reuse. Get medical
		attention if any discomfort continues.
4.1c	Eye contact:	Promptly wash eyes with plenty of water while lifting the eyelids. Make
		sure to remove any contact lenses from the eyes before rinsing.
		Continue to rinse for at least 15 minutes. Get medical attention if any
		discomfort continues.
4.1d	Ingestion:	NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK
		FLUIDS! Rinse mouth thoroughly. Do not induce vomiting without
		advice from poison control center or medical professional. Get medical
4.0	No. of the second secon	attention if any discomfort continues.
4.2	Most important symptoms and effects, both acute	•
4.2a	and delayed: Inhalation:	May cause coughing or mild irritation.
4.2b	Skin contact:	Prolonged skin contact may cause mild irritation.
4.2c	Eye contact:	May cause temporary eye irritation.
4.2d	Ingestion:	May cause discomfort if swallowed.
4.3	Indication of any immediate medical attention and	No specific first aid measures noted, but first aid may still be required
	special treatment needed:	in case of accidental exposure, inhalation, or ingestion of this product.
		If in doubt, get medical attention promptly!
4.3a	Notes to physician/first responder:	Treat symptomatically. Refer to Sections 5-8 for advice on personal
		protective equipment.
	on 5: Firefighting measures	
5.1	Extinguishing media:	Use fire-extinguishing media appropriate for the surrounding materials.
5.1a	Suitable extinguishing media:	Water spray, foam, dry powder, or carbon dioxide.
5.1b	Unsuitable extinguishing media:	None known.
5.2	Special hazards arising from the substance or mixture:	Product is not explosive. No dangerous reactions known under normal conditions of use.
5.2a	Hazardous combustion products:	In case of fire, toxic gases may be formed of carbon monoxide (CO),
J.2a	riazardous combustion products.	carbon dioxide (CO <sub>2</sub> ; CO <sub>x</sub> ). None under normal conditions.
5.2b	Unusual fire & explosion hazards:	No unusual fire or explosion hazards noted.
5.2c	Protective measures in fire:	Use protective equipment appropriate for surrounding materials.
5.3	Advice for firefighters:	Keep away from heat, hot surfaces, sparks, open flames and other
		ignition sources. No smoking.
5.3a	Special firefighting procedures:	No specific firefighting procedure given.
5.3b	Special protective equipment and precautions for	Wear full protective clothing, including self-contained breathing
	firefighters:	apparatus, if necessary. The product presents no special fire hazards
		in normal use. Keep away from heat, hot surfaces, sparks, open
		flames and other ignition sources. No smoking.
Carti	on C. Appidental volumes	
Section 6.1	on 6: Accidental release measures	Use protective equipment appropriate for surrounding materials.
0.1	Personal precautions, protective equipment, and emergency procedures:	ose protective equipment appropriate for suffounding materials.
6.1a	General release measures:	No specific emergency measures are required other than good
U. 1a	Contrai release measures.	laboratory hygiene and safety practices for small spills. Wear suitable
		protective clothing, gloves and eye or face protection. Consult
		professional emergency personnel if concerned (see Section 8).
6.1b	Advice for non-emergency personnel; personal	No specific emergency measures are required other than good
~	precautions, protective equipment and emergency	laboratory hygiene and safety practices. Wear suitable protective
	procedures:	clothing/gloves/eye/face protection to avoid contact with skin, eyes,
	·	and personal clothing; use an approved supplied-air respirator, in case
		of emergency (also refer to Section 8). Remove all sources of ignition.
		Ensure adequate ventilation and control dust/mist. Avoid breathing
		vapors, mist, or gas. Evacuate personnel to safe areas. Wear suitable
		protective clothing, gloves and eye or face protection to prevent any
		contamination. Consult professional emergency personnel if
		concerned.
6.1c	Advice for emergency responders; personal	Wear suitable protective clothing, gloves and eye or face protection to
	precautions, protective equipment and emergency	avoid contact; use an approved supplied-air respirator, in case of
	procedures:	emergency (also refer to Section 8).

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6.2	Environmental precautions:	Do not allow to enter drains, sewers, or watercourses.
6.3	Methods and materials for containment and	Contain any spills with dikes or absorbent materials to prevent
	clean up:	migration and entry into sewers or water sources. Place in a suitable
	·	container for disposal in accordance with local waste regulations (see
		Section 13). Wash spill area thoroughly with plenty of soap and water.
		Avoid contact with skin or inhalation of spillage, dust, or vapor.
6.4	Reference to other sections:	Refer to Sections 8 and 13 for additional information.
0.4	Reference to other sections.	Refer to Sections 8 and 13 for additional information.
Contin	n 7. Handling and atarage	
	n 7: Handling and storage	
7.1	Precautions for safe handling:	Do not handle until all safety precautions have been read and
		understood. Avoid creation of aerosol/mist/dust. Avoid inhalation of
		vapors/mist/dust. Prevent contact with skin and eyes. Use appropriate
		personal protection equipment (PPE). Thoroughly wash hands and
		contaminated areas with water and soap before leaving the work site.
		Keep away from sources of ignition.
7.1a	Prevent handling of incompatible substances or	Avoid contact with strong acids and strong oxidizers.
7	mixtures:	The destination of the destinati
7.1b	Advice on general occupational hygiene:	Do not eat, drink, or smoke in work areas. Wash hands after use.
7.10	Advice on general occupational hygiene.	
		Remove contaminated clothing and protective equipment before
		entering eating areas. Good personal hygiene is necessary. Follow
		good laboratory hygiene and safety practices.
7.2	Conditions for safe storage, including any	Refer to product label. Store in cool place. Keep container tightly
	incompatibilities:	closed in a dry and well-ventilated place. Containers which are opened
	-	must be carefully resealed and kept upright to prevent leakage. Avoid
		spills and release into the environment; keep away from watercourses.
7.3	Specific end use(s):	For research use only. Not for use in diagnostic procedures.
7.0		1 of resolution use only. Not for use in diagnostic procedures.
Sootio	n 9: Evnocure controls/norcens! protection	
	n 8: Exposure controls/personal protection	
8.1	Control parameters:	No company the transport
8.1a	Occupational exposure limits, such as chemical	No exposure limits known.
	identity, standard, TWA-8 hours (time weighted	
	average), STEL-15 minutes (short term exposure	
	limit), etc.: WEL = Workplace Exposure Limit. Sk =	
	can be absorbed through skin.	
8.1b	Appropriate engineering controls:	
8.1c	Individual protection measures, such as personal	Wear gloves, protective goggles, and lab coat.
0.10		wear gloves, protective goggles, and lab coat.
0.4-1	protective equipment:	
8.1d	Safety symbols:	
8.2	Exposure controls:	
8.2a	Process conditions:	Provide eyewash station.
8.2b	Engineering controls:	Ensure that eyewash stations and safety showers are proximal to the
	J J	workstation location.
8.2c	Ventilation controls:	Provide adequate ventilation.
8.2d	Reference to other sections:	Refer to Section 5 for additional information.
8.2e	Eye/face protection:	Wear approved chemical safety goggles where eye exposure is
		reasonably probable or face shield if risk of splashing.
8.2f	Skin protection:	Wear apron or protective clothing in case of contact.
8.2g	Hand protection:	Use suitable protective gloves if risk of skin contact.
8.2h	Respiratory equipment:	Where risk assessment shows air-purifying respirators are appropriate
J		use a full-face respirator with multi-purpose combination (US) or type
		ABEK (EN 14387) respirator cartridges as a backup to engineering
		controls. If the respirator is the sole means of protection, use a full-face
		supplied air respirator. Use respirators and components tested and
		approved under appropriate government standards such as NIOSH
		(US) or CEN (EU).
8.2i	Other protection:	Wear appropriate clothing to avoid skin contact.
8.2j	Hygiene measures:	DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift
1		and before eating, smoking, and using the toilet. Promptly remove any
		clothing that becomes contaminated. Use appropriate skin cream to
		prevent drying of skin. When using do not eat, drink, or smoke. Wash
	<u> </u>	promptly with soap and water if skin becomes contaminated
8.2k	Thermal hazards:	None known under normal conditions of use.
8.21	Environmental exposure controls:	Not determined.
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Information on basic physical and chemical properties:	Section	n 9: Physical and chemical properties	
Appearance (physical state, color, etc.):   Powder, dust.		Information on basic physical and chemical	
9.16. Odor threshold: Not determined. Pht. Pht. Pht. Pht. Pht. Pht. Pht. Pht	0.4		
9.10 p. H. (and the standard of the standard o			
9.16   Melting point/freezing point (°C): Not determined. 9.17   Initial boiling point and boiling range: Not determined. 9.18   Pales point (°C): Not applicable. 9.19   Flash point (°C): Not applicable. 9.11   Flammability (solid, gas): Not determined. 9.11   Flammability (solid, gas): Not determined. 9.11   Vapor density (Air =1): Not applicable. 9.11   Vapor density (Air =1): Not determined. 9.11   Vapor density (Air =1): Not determined. 9.11   Vapor density (Air =1): Not determined. 9.12   Vapor density (Air =1): Not determined. 9.13   Vapor density (Air =1): Not determined. 9.14   Vapor density (Air =1): Not determined. 9.15   Not determined. 9.16   Vapor possure: Not determined. 9.17   Vapor density (Air =1): Not determined. 9.18   Vapor density (Air =1): Not determined. 9.19   Auro-ipilition temperature (°C): Not determined. 9.10   Valorizable (Air =1): Not determined. 9.11   Valorizable (Air =1): Not determined. 9.12   Valorizable (Air =1): Not determined. 9.13   Valorizable (Air =1): Not determined. 9.14   Valorizable (Air =1): Not determined. 9.15   Valorizable (Air =1): Not determined. 9.16   Valorizable (Air =1): Not determined. 9.17   Valorizable (Air =1): Not determined. 9.18   Valorizable (Air =1): Not determined. 9.19   Valorizable (Air =1): Not determined. 9.10   Valorizable (Air =1): Not determined. 9.10   Valorizable (Air =1): None. 9.20   Other Information: None. 9.20   Other physical or chemical parameters: None. 9.20   Other phy			
Melting point/ferezing point (*C):			
9.15   Initial boiling point and boiling range: Not determined. 9.16   Flamphability (solid gas): Not applicable. 9.17   Plamphability (solid gas): Not determined. 9.18   Vapor pressure: Not applicable. 9.19   Vapor pressure: Not applicable. 9.19   Vapor perssure: Not applicable. 9.11   Vapor perssure: Not applicable. 9.11   Vapor density (Air =1): Not determined. 9.12   Vapor density (Air =1): Not determined. 9.13   Vapor pressure: Not applicable. 9.14   Vapor density (Air =1): Not determined. 9.15   Relative density: Not determined. 9.16   Vapor modellimentative (C): Not determined. 9.17   Vapor density (Air =1): Not determined. 9.18   Subblity(les): Insoluble in vater; soluble in organic solvents. 9.19   Vapor density (Air =1): Not determined. 9.10   Vapor density (Air =1): Not determined. 9.11   Vapor density (Air =1): Not determined. 9.12   Vapor density (Air =1): Not determined. 9.13   Vapor density (Air =1): Not determined. 9.14   Vapor density (Air =1): None. 9.15   Vapor density (Air =1): None. 9.16   Vapor density (Air =1): None. 9.17   Vapor density (Air =1): None. 9.18   Vapor density (Air =1): None. 9.19   Vapor density (Air =1): None. 9.10   Vapor density (Air =1): None. 9.10   Vapor density (Air =1): None. 9.11   Vapor density (Air =1): None. 9.12   Vapor density (Air =1): None. 9.13   Vapor density (Air =1): None. 9.14   Vapor density (Air =1): None. 9.15   Vapor density (Air =1): None. 9.16   Vapor density (Air =1): None. 9.17   Vapor density (Air =1): None. 9.18   Vapor density (Air =1): None. 9.19   Vapor density (Air =1): None. 9.10   Vapor density (Air =1): None. 9.10   Vapor density (Air =1): None. 9.11   Vapor density (Air =1): None. 9.11   Vapor density (Air =1): None. 9.12   Vapor density (Air =1): None. 9.13   Vapor density (Air =1): None. 9.14   Vapor density (Air =1): None. 9.15   Vapor density (Air			
Flash point (*C):			
9.11   Flammability (solid, gas): Not applicable. 9.12   Vapor Jover (Bammability or explosive limits: Not determined. 9.13   Vapor pressure: Not applicable. 9.14   Vapor density (Air =1): Not applicable. 9.15   Not applicable. 9.16   Vapor density (Air =1): Not applicable. 9.17   Vapor density (Air =1): Not determined. 9.18   Vapor density (Air =1): Not determined. 9.19   Relation coefficient (Noctanol/water): Not determined. 9.10   Partition coefficient (Noctanol/water): Not determined. 9.10   Partition coefficient (Noctanol/water): Not determined. 9.11   Viscosity: Not determined. 9.12   Obergostion temperature (**C): Not determined. 9.13   Explosive properties: Not determined. 9.14   Viscosity: Not determined. 9.15   Explosive properties: Not determined. 9.16   Obdizing properties: Not determined. 9.17   Obdizing properties: Not determined. 9.18   Obdizing properties: Not determined. 9.19   Other Information: None. 9.20   Other physical or chemical parameters: None. 9.20   Other physical or chemical parameters: None. 9.21   Obdizing properties: Note determined. 9.22   Other physical or chemical parameters: None. 9.23   Other physical or chemical parameters: None. 9.24   Other physical or chemical parameters: None. 9.25   Other physical or chemical parameters: None. 9.26   Other physical or chemical parameters: None. 9.27   Other physical or chemical parameters: None. 9.28   Other physical or chemical parameters: None. 9.29   Other physical or chemical parameters: None. 9.20   Other physical or chemical parameters: None. 9.21   Other physical or chemical parameters: None. 9.22   Other physical or chemical parameters: None. 9.23   Other physical or chemical parameters: None. 9.24   Other physical or chemical parameters: None. 9.25   Other physical or chemical parameters: None. 9.26   Other physical or chemical parameters: None. 9.27   Other physical or chemical parameters: None. 9.28   Other physical or chemical parameters: None. 9.29   Other physical or chemical parameters: None. 9.20   Other physical parame		Flash point (°C):	
9.11 Upperflower flammability or explosive limits: Not determined. 9.1k Vapor pressure: Not determined. 9.1k Vapor pressure: Not determined. 9.1k Vapor density (Air =1): Not determined. 9.1m Relative density: Not applicable. 9.1m Relative density: Not determined. 9.1n Solubility(ies): Insolubile in water; soluble in organic solvents. 9.1n Solubility(ies): Insolubile in water; soluble in organic solvents. 9.1n Solubility(ies): Insoluble in water; soluble in organic solvents. 9.1n Auto-information: Not determined. 9.1n Auto-information: Not determined. 9.1n Auto-information: Not determined. 9.1n Auto-information: Not determined. 9.2n Other Information: None. 9.2n Other Information: None. 9.2n Other Physical or chemical parameters: None. 9.2 Section 10: Stability and reactivity 10.1 Reactivity: No deta available. 10.2 Chemical stability: Stable under normal storage and temperature conditions. 10.3 Possibility of hazardous reactions: Hazardous polymerization: no data available. 10.4 Conditions to avoid: To avoid product degradation, avoid exposure to high temperatures or direct sunlight or light. 10.1 Information on toxicological effects: No data available. 10.5 Hazardous decomposition products: No data available. 10.6 Hazardous decomposition products: No data available. 10.6 Hazardous decomposition products: No data available. 10.6 Section 11: Toxicological information 10.7 Auto-information on toxicological effects: No data available. 10.8 Name: Geo-DEVD-FMK 10.9 No data available. 10.9 No data available. 10.1 No data a		Evaporation rate:	
9.11 Vapor pressure: Not applicable. 9.11 Vapor density (Air =1): Not applicable. 9.11 Not applicable. 9.12 Not determined. 9.13 Not determined. 9.14 Not determined. 9.15 Not determined. 9.16 Not determined. 9.16 Not determined. 9.17 Viscosity: Not determined. 9.18 Not determined. 9.19 Auto-ignition temperature (°C): Not determined. 9.19 Not determined. 9.10 Not determined. 9.11 Viscosity: Not determined. 9.12 Not determined. 9.15 Explosive properties: Not determined. 9.16 Not determined. 9.17 Viscosity: Not determined. 9.18 Explosive properties: Not determined. 9.19 Other information: None. 9.20 Other physical or chemical parameters: None. 9.20 Other physical or chemical parameters: None. 9.20 Other physical or chemical parameters: None. 9.20 Other information: None. 9.21 Other information: None. 9.22 Other physical or chemical parameters: None. 9.23 Other information: None. 9.24 Other information: None. 9.25 No data available. 9.26 None information: None information informa	9.1i		Not determined.
9.11   Vajour density (Air =1):   Not applicable. 9.1m   Relative density:   Not determined. 9.1n   Solubility(ies):   Insoluble in water, soluble in organic solvents. 9.10   Partition coefficient (N-octanol/water):   Not determined. 9.10   Auto-ignition temperature (*C):   Not determined. 9.11   Viscosity:   Not determined. 9.12   Viscosity:   Not determined. 9.15   Explosive properties:   Not determined. 9.16   Viscosity:   Not determined. 9.17   Viscosity:   Not determined. 9.18   Viscosity:   Not determined. 9.19   Ovidizing properties:   Not determined. 9.10   Voicing properties:   Not determined. 9.11   Ovidizing properties:   Not determined. 9.22   Other physical or chemical parameters:   None.  9.24   Other physical or chemical parameters:   None.  9.25   Other physical or chemical parameters:   None.  9.26   Other physical or chemical parameters:   None.  9.27   Other physical or chemical parameters:   None.  9.28   Other physical or chemical parameters:   None.  9.29   Other physical or chemical parameters:   None.  9.20   Other physical or chemical parameters:   None.  9.21   Other physical or chemical parameters:   None.  9.22   Other physical or chemical parameters:   None.  9.23   Other physical or chemical parameters:   None.  9.24   Other physical or chemical parameters:   None.  9.25   Other physical or chemical parameters:   None.  9.26   Other physical or chemical parameters:   None.  9.27   Other physical or chemical parameters:   None.  9.28   Other physical or chemical parameters:   None.  9.29   Other physical or chemical parameters:   None.  9.20   Other physical			
9.1m Solibility(ies): Insolibile in water; soluble in organic solvents. 9.1n Solibility(ies): Insolibile in water; soluble in organic solvents. 9.1n Solibility(ies): Not determined. 9.1p Auto-inplition temperature (*C): Not determined. 9.2p Auto-inplition temperature (*C): Auto-inplition (*C): Au		Vapor pressure:	
9.10 Partition coefficient (N-octanol/water): Not determined. 9.10 Partition coefficient (N-octanol/water): Not determined. 9.11 Viscosity: Not determined. 9.12 Viscosity: Not determined. 9.15 Explosive properties: Not determined. 9.16 Viscosity: Not determined. 9.17 Viscosity: Not determined. 9.18 Explosive properties: Not determined. 9.19 Codizing properties: Not determined. 9.10 Viscosity: Not determined. 9.11 Oxidizing properties: Not determined. 9.12 Other physical or chemical parameters: None.  9.22 Other physical or chemical parameters: None.  9.28 Coticol 10: Stability and reactivity 10.1 Reactivity: No data available. 10.2 Chemical stability: Stable under normal storage and temperature conditions. 10.3 Possibility of hazardous reactions: Hazardous polymerization: no data available. 10.4 Conditions to avoid: To avoid product degradation, avoid exposure to high temperatures or direct stunlight or light. 10.5 Incompatible materials: None under normal conditions.  9.2 Section 11: Toxicological information 11.10 Information on toxicological effects: None under normal conditions.  9.2 Section 11: Toxicological information 11.11 Samous eye damage/irritation: Not determined. 11.12 Samous eye damage/irritation: Not determined. 11.13 Serious eye damage/irritation: Not determined. 11.14 Reproductive toxicity: Not determined. 11.15 Strongelexposure: Not determined. 11.16 Serious eye damage/irritation: Not determined. 11.17 Reproductive toxicity: Not determined. 11.18 Reproductive toxicity: Not determined. 11.19 Carriage exposure: Not determined. 11.11 Strongelexposure: Not determined. 11.12 Strongelexposure: Not determined. 11.13 Information on the likely routes of exposure: Not determined. 11.14 Not determined. 11.15 Not determined. 11.16 Personation on the likely routes of exposure: Not determined. 11.17 Information on the likely routes of exposure: Not determined. 11.19 Personation: Not physical, chemical and toxicological cheracteristics: Not determined. 11.19 Information on the likely routes of exposure: Not			
9.10   Partition coefficient (N-octanol/water): Not determined. 9.11   Notosity: Not determined. 9.12   Decomposition temperature (*C): Not determined. 9.14   Viscosity: Not determined. 9.15   Explosive properties: Not determined. 9.16   Other physical or chemical parameters: Not determined. 9.2   Other information: None. 9.2   Other physical or chemical parameters: None of the physical parameters: None of the physical parameters or direct sunlight or light. 9.2   Other physical information or toxicological i			
9.19 Auto-ignition temperature (*C): Not determined. 9.17 Viscosity: Not determined. 9.18 Explosive properties: Not determined. 9.19 Oxidizing properties: Not determined. 9.10 Oxidizing properties: Not determined. 9.20 Other physical or chemical parameters: None. 9.21 Other physical or chemical parameters: None. 9.22 Other physical or chemical parameters: None. 9.23 Other physical or chemical parameters: None. 9.24 Oxidizing properties: Not determined. 9.25 Oxidizing properties: None. 9.26 Oxidizing properties: None. 9.27 Oxidizing properties: None. 9.28 Oxidizing properties: None. 9.29 Oxidizing properties: None. 9.29 Oxidizing properties: None. 9.20 Oxidizing properties: None. 9.21 Oxidizing properties: None. 9.22 Oxidizing properties: None. 9.22 Oxidizing properties: None. 9.23 Oxidizing properties: None. 9.24 Oxidizing properties: None. 9.25 Oxidizing properties: None data available. 9.26 Oxidizing properties: None under normal storage and temperature conditions. 9.27 Oxidizing properties: None under normal storage and temperature conditions. 9.28 Oxidizing properties: None under normal storage and temperature conditions. 9.29 Oxidizing properties: None under normal storage and temperature conditions. 9.20 Oxidizing properties: None under normal storage and temperature conditions. 9.21 Oxidizing properties: None under normal storage and temperature conditions. 9.22 Oxidizing properties: None under normal storage and temperature conditions. 9.23 Oxidizing properties: None under normal storage and temperature conditions. 9.24 Oxidizing properties: None under normal storage and temperature conditions. 9.25 Oxidizing properties: None under normal storage and temperature conditions. 9.26 Oxidizing properties: None under normal storage and temperature conditions. 9.26 Oxidizing properties: None under normal storage and temperature conditions. 9.26 Oxidizing properties: None under normal storage and temperature conditions. 9.26 Oxidizing properties: None under normal storage and temperature conditions. 9.26 Oxidiz			
1.   Decomposition temperature (*C):			
9.15 Explosive properties: Not determined. 9.16 Explosive properties: Not determined. 9.17 Ovidizing properties: Not determined. 9.18 Ovidizing properties: Not determined. 9.29 Other physical or chemical parameters: None. 9.20 Other physical or chemical parameters: None. 9.21 Ovidizing properties: None. 9.22 Other physical or chemical parameters: None. 9.23 Other physical or chemical parameters: None. 9.24 Ovidizing properties: None. 9.25 Ovidizing properties: None. 9.26 Ovidizing properties: None. 9.27 Ovidizing properties: None. 9.28 Ovidizing properties: None. 9.29 Ovidizing properties: None. 9.29 Ovidizing properties: None. 9.20 Ovidizing properties: None data available. 9.20 Ovidizing properties: None data available. 9.21 Ovidizing properties: None under normal storage and temperature conditions. 9.22 Ovidizing properties: None under normal storage and temperature conditions. 9.24 Ovidizing properties: None under normal storage and temperature conditions. 9.25 Incompatible materials: No data available. 9.26 Incompatible materials: No data available. 9.27 Ovidizing properties: No data available. 9.28 Ovidizing properties: None under normal storage and temperature conditions. 9.29 Ovidizing properties: No data available. 9.20 Ovidizing properties: None under normal storage and temperature conditions. 9.20 Ovidizing properties: None under normal storage and temperature conditions. 9.20 Ovidizing properties: None under normal storage and temperature conditions. 9.20 Ovidizing properties: None under normal storage and temperature conditions. 9.20 Ovidizing properties: None under normal storage and temperature conditions. 9.21 Ovidizing properties: None under normal storage and temperature conditions. 9.22 Ovidizing properties: None under normal storage and temperature conditions. 9.23 Ovidizing properties: Not determined. 9.24 Ovidizing properties: Not determined. 9.25 Ovidizing properties under normal storage and temperature conditions. 9.26 Ovidizing properties in available. 9.25 Ovidizing properties: Not det			
19.15   Explosive properties:   Not determined.     9.2			
9.2 Other information: None. 9.2a Other physical or chemical parameters: None.  Section 10: Stability and reactivity 10.1 Reactivity: Stability and reactivity 10.2 Chemical stability: Stabile under normal storage and temperature conditions. 10.3 Possibility of hazardous reactions: Hazardous polymerization: no data available. 10.4 Conditions to avoid: To avoid product degradation, avoid exposure to high temperatures or direct sunlight or light. 10.5 Incompatible materials: None under normal conditions.  10.6 Hazardous decomposition products: None under normal conditions.  Section 11: Toxicological information 11.1 Information on toxicological effects: Standardous polymerization: Not determined. 11.1 Information on toxicological effects: Not determined. 11.1 Information on toxicological effects: Not determined. 11.1 Serious eye damage/irritation: Not determined. 11.1 Serious eye damage/irritation: Not determined. 11.1 Germ cell mutagenicity: Not determined. 11.1 Respiratory or skin sensitization: Not determined. 11.1 Reproductive toxicity: Not determined. 11.1 Reproductive toxicity: Not determined. 11.1 STOT-repeated exposure: Not determined. 11.1 STOT-repeated exposure: Not determined. 11.1 Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Not determined. 11.1 Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Not determined. 11.1 Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Not determined. 11.1 No skin contact: Dust may irritate skin. 11.1 Pelayed and immediate effects as well as chronic effects from short and long term exposure: Not determined. 11.1 No skin contact: No			
9.2a Other information: None. Other physical or chemical parameters: None.  Section 10: Stability and reactivity 10.1 Reactivity: Stable under normal storage and temperature conditions. 10.2 Chemical stability: Stable under normal storage and temperature conditions. 10.3 Possibility of hazardous reactions: Hazardous polymerization: no data available. 10.5 Incompatible materials: No data available. 10.6 Incompatible materials: No data available. 10.7 Avoid product degradation, avoid exposure to high temperatures or direct sunlight or light. 10.6 Incompatible materials: No data available. 10.6 Information on toxicological information 11.1 Information on toxicological effects: None under normal conditions.  Section 11: Toxicological information 11.1 Name: 660-DEVD-FMK 11.1 Name: 660-DEVD-FMK 11.1 Name: Not determined. 11.1 Name: Not determined. 11.1 Not determined. 11.1 Skin corrosion/irritation: Not determined. 11.1 Respiratory or skin sensitization: Not determined. 11.1 Respiratory or skin sensitization: Not determined. 11.1 Respiratory or skin sensitization: Not determined. 11.1 Responductive toxicity: Not determined. 11.1 STOT-repeated exposure: Not determined. 11.1 STOT-repeated exposure: Not determined. 11.1 STOT-repeated exposure: Not determined. 11.1 Information on the likely routes of exposure (inhalation; gestion, skin and eye contact): Not determined. 11.1 Information on the likely routes of exposure (inhalation; Skin and eye contact): Not determined. 11.1 Information on the likely routes of exposure (inhalation; Skin and eye contact): Not determined. 11.1 Information on the likely routes of exposure (inhalation; Skin and eye contact): Not determined. 11.1 Information and immediate effects as well as chronic effects from short and long term exposure: Not determined. 11.1 Namerical measures of toxicity (such as acute toxicity estimates): Not determined. 11.1 Namerical measures of toxicity (such as acute toxic) estimates): Not determined. 11.1 Namerical measures of toxicity (such as acute toxic) estimates			
Section 10: Stability and reactivity			
Section 10: Stability and reactivity  10.1 Reactivity: Stable under normal storage and temperature conditions.  10.2 Chemical stability: Stable under normal storage and temperature conditions.  10.3 Possibility of hazardous reactions: Hazardous polymerization: no data available.  10.4 Conditions to avoid: To avoid product degradation, avoid exposure to high temperatures or direct sunlight or light.  10.5 Incompatible materials: No data available.  10.6 Hazardous decomposition products: None under normal conditions.  Section 11: Toxicological information  11.1 Information on toxicological effects: 660-DEVD-FMK  11.1.1 Name: 660-DEVD-FMK  11.1.1 Name: 660-DEVD-FMK  11.1.1 Asme: Not determined.  11.1.1 Skin corrosion/irritation: Not determined.  11.1.1 Respiratory or skin sensitization: Not determined.  11.1.1 Respiratory or skin sensitization: Not determined.  11.1.1 Reproductive toxicity: Not determined.  11.1.1 STOT-single exposure: Not determined.  11.1.1 STOT-repeated exposure: Not determined.  11.1.1 Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): In high concentrations, dust may irritate throat and respiratory system and cause coughing.  11.1 Symptoms related to the physical, chemical and toxicological characteristics: Not determined.  11.1 Delayed and immediate effects as well as chronic effects from short and long term exposure: Not determined.  11.1 Delayed and immediate effects as well as chronic effects from short and long term exposure: Not determined.  11.1 Interactive effects: Not determined.  11.1 Interactive effects as well as chronic effects as well as chronic effects from short and long term exposure: Not determined.  11.1 Interactive effects: Not determine			
10.1   Reactivity:   Stable under normal storage and temperature conditions.	3.Za	Other physical of chemical parameters.	None.
10.1   Reactivity:   Stable under normal storage and temperature conditions.	Section	n 10: Stability and reactivity	
10.3   Possibility of hazardous reactions:			No data available.
Possibility of hazardous reactions:			
To avoid product degradation, avoid exposure to high temperatures or direct sunlight or light.   No data available.			
10.5   Incompatible materials:   No data available.   None under normal conditions.	10.4		
None under normal conditions.   Section 11: Toxicological information			
Section   11: Toxicological information			No data available.
11.1a     Information on toxicological effects:     .       11.1b     Name:     660-DEVD-FMK       11.1c     Skin corrosion/irritation:     Not determined.       11.1d     Serious eye damage/irritation:     Not determined.       11.1e     Respiratory or skin sensitization:     Not determined.       11.1f     Germ cell mutagenicity:     Not determined.       11.1g     Carcinogenicity:     Not determined.       11.1h     Reproductive toxicity:     Not determined.       11.1i     STOT-single exposure:     Not determined.       11.1i     STOT-repeated exposure:     Not determined.       11.1k     Aspiration hazard:     Not determined.       11.1t     Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):     May enter by skin and/or eye contact; inhalation of vapors/mist/dust, was experimental.       11.1n     Insight concentrations, dust may irritate throat and respiratory system and cause coughing.       11.1o     Skin contact:     Dust may irritate skin.       11.1p     Eye contact:     Spray and dust in the eyes may cause irritation.       11.1e     Delayed and immediate effects as well as chronic effects from short and long term exposure:     Not determined.       11.1s     Numerical measures of toxicity (such as acute toxicity estimates):     Not determined.       11.1v     Mixture vs. sub	10.6	Hazardous decomposition products:	None under normal conditions.
11.1a     Information on toxicological effects:     .       11.1b     Name:     660-DEVD-FMK       11.1c     Skin corrosion/irritation:     Not determined.       11.1d     Serious eye damage/irritation:     Not determined.       11.1e     Respiratory or skin sensitization:     Not determined.       11.1f     Germ cell mutagenicity:     Not determined.       11.1g     Carcinogenicity:     Not determined.       11.1h     Reproductive toxicity:     Not determined.       11.1i     STOT-single exposure:     Not determined.       11.1i     STOT-repeated exposure:     Not determined.       11.1k     Aspiration hazard:     Not determined.       11.1t     Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):     May enter by skin and/or eye contact; inhalation of vapors/mist/dust, was experimental.       11.1n     Insight concentrations, dust may irritate throat and respiratory system and cause coughing.       11.1o     Skin contact:     Dust may irritate skin.       11.1p     Eye contact:     Spray and dust in the eyes may cause irritation.       11.1e     Delayed and immediate effects as well as chronic effects from short and long term exposure:     Not determined.       11.1s     Numerical measures of toxicity (such as acute toxicity estimates):     Not determined.       11.1v     Mixture vs. sub			
11.1a   Name:   660-DEVD-FMK   Not determined.     11.1b   Acute toxicity:   Not determined.     11.1c   Skin corrosion/irritation:   Not determined.     11.1d   Serious eye damage/irritation:   Not determined.     11.1e   Respiratory or skin sensitization:   Not determined.     11.1f   Germ cell mutagenicity:   Not determined.     11.1f   Germ cell mutagenicity:   Not determined.     11.1g   Carcinogenicity:   Not determined.     11.1h   Reproductive toxicity:   Not determined.     11.1i   STOT-single exposure:   Not determined.     11.1i   STOT-repeated exposure:   Not determined.     11.1t   Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):   May cause discomfort if swallowed.     11.1n   Ingestion:   May cause discomfort if swallowed.     11.1n   Inhalation:   Unit of the physical, chemical and toxicological characteristics:   Spray and dust in the eyes may cause irritation.     11.1t   Delayed and immediate effects as well as chronic effects from short and long term exposure:   Not determined.     11.1t   Delayed and immediate effects as well as chronic effects from short and long term exposure:   Not determined.     11.1t   Numerical measures of toxicity (such as acute toxicity estimates):   Not determined.     11.1t   Numerical measures of toxicity (such as acute toxicity estimates):   Not determined.     11.1v   Mixtures:   Not determined.     11.1v   Mixtures:   Not applicable.   Not applicable.     11.1v   Mixture vs. substance information:   Not applicable.   Not applicable.     11.1x   Classification by National Toxicity Program (NTP):   Not classified.   Not classifi		n 11: Toxicological information	
11.1b     Acute toxicity:     Not determined.       11.1c     Skin corrosion/irritation:     Not determined.       11.1e     Respiratory or skin sensitization:     Not determined.       11.1e     Respiratory or skin sensitization:     Not determined.       11.1f     Germ cell mutagenicity:     Not determined.       11.1g     Carcinogenicity:     Not determined.       11.1h     Reproductive toxicity:     Not determined.       11.1h     STOT-repeated exposure:     Not determined.       11.1j     STOT-repeated exposure:     Not determined.       11.1k     Aspiration hazard:     Not determined.       11.1t     Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):     May enter by skin and/or eye contact; inhalation of vapors/mist/dust.       11.1m     Ingestion:     May cause discomfort if swallowed.       11.1n     Inhalation:     In high concentrations, dust may irritate throat and respiratory system and cause coughing.       11.1o     Eye contact:     Dust may irritate skin.       11.1p     Eye contact:     Spray and dust in the eyes may cause irritation.       11.1f     Delayed and immediate effects as well as chronic effects from short and long term exposure:     Not determined.       11.1t     Numerical measures of toxicity (such as acute toxicity estimates):     Not determined.       11.			
11.1c     Skin contact:     Not determined.       11.1n     Serious eye damage/irritation:     Not determined.       11.1e     Respiratory or skin sensitization:     Not determined.       11.1f     Germ cell mutagenicity:     Not determined.       11.1n     Carcinogenicity:     Not determined.       11.1h     Reproductive toxicity:     Not determined.       11.1i     STOT-single exposure:     Not determined.       11.1i     STOT-pepated exposure:     Not determined.       11.1n     Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):     Not determined.       11.1n     Ingestion:     May cause discomfort if swallowed.       11.1n     In high concentrations, dust may irritate throat and respiratory system and cause coughing.       11.1p     Eye contact:     Spray and dust in the eyes may cause irritation.       11.1r     Symptoms related to the physical, chemical and toxicological characteristics:     No specific symptoms noted.       11.1r     Numerical measures of toxicity (such as acute toxicity estimates):     Not determined.       11.1t     Interactive effects:     Not determined.       11.1v     Mixtures:     Not applicable.       11.1v     Mixture vs. substance information:     Not applicable.       11.1v     Classification by International Agency for Research on Cancer (IARC):		Information on toxicological effects:	
11.1d     Serious eye damage/irritation:     Not determined.       11.1e     Respiratory or skin sensitization:     Not determined.       11.1f     Germ cell mutagenicity:     Not determined.       11.1g     Carcinogenicity:     Not determined.       11.1h     Reproductive toxicity:     Not determined.       11.1i     STOT-single exposure:     Not determined.       11.1i     STOT-repeated exposure:     Not determined.       11.1k     Aspiration hazard:     Not determined.       11.1n     Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):     May enter by skin and/or eye contact; inhalation of vapors/mist/dust.       11.1n     Inhalation:     May cause discomfort if swallowed.       11.1n     Inhalation:     In high concentrations, dust may irritate throat and respiratory system and cause coughing.       11.1o     Skin contact:     Dust may irritate skin.       11.1p     Eye contact:     Spray and dust in the eyes may cause irritation.       11.1q     Symptoms related to the physical, chemical and toxicological characteristics:     No specific symptoms noted.       11.1s     Numerical measures of toxicity (such as acute toxicity estimates):     Not determined.       11.1t     Interactive effects:     Not determined.       11.1v     Mixtures:     Not applicable.       11.1v     Mi	11.1a	Information on toxicological effects: Name:	
11.1e     Respiratory or skin sensitization:     Not determined.       11.1f     Germ cell mutagenicity:     Not determined.       11.1g     Carcinogenicity:     Not determined.       11.1h     Reproductive toxicity:     Not determined.       11.1i     STOT-single exposure:     Not determined.       11.1j     STOT-repeated exposure:     Not determined.       11.1k     Aspiration hazard:     Not determined.       11.1l     Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):     May cause discomfort if swallowed.       11.1n     In high concentrations, dust may irritate throat and respiratory system and cause coughing.       11.1o     Skin contact:     Dust may irritate skin.       11.1p     Eye contact:     Spray and dust in the eyes may cause irritation.       11.1f     Symptoms related to the physical, chemical and toxicological characteristics:     No specific symptoms noted.       11.1r     Delayed and immediate effects as well as chronic effects from short and long term exposure:     Not determined.       11.1s     Numerical measures of toxicity (such as acute toxicity estimates):     Not determined.       11.1t     Interactive effects:     Not determined.       11.1v     Mixture vs. substance information:     Not applicable.       11.1v     Mixture vs. substance information:     Not classified.	11.1a 11.1b	Information on toxicological effects: Name: Acute toxicity:	Not determined.
11.1f     Germ cell mutagenicity:     Not determined.       11.1g     Carcinogenicity:     Not determined.       11.1h     Reproductive toxicity:     Not determined.       11.1i     STOT-single exposure:     Not determined.       11.1j     STOT-repeated exposure:     Not determined.       11.1l     Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):     May enter by skin and/or eye contact; inhalation of vapors/mist/dust.       11.1m     Ingestion:     May cause discomfort if swallowed.       11.1n     In high concentrations, dust may irritate throat and respiratory system and cause coughing.       11.1o     Skin contact:     Dust may irritate skin.       11.1p     Eye contact:     Spray and dust in the eyes may cause irritation.       11.1q     Symptoms related to the physical, chemical and toxicological characteristics:     No specific symptoms noted.       11.1r     Delayed and immediate effects as well as chronic effects from short and long term exposure:     Not determined.       11.1s     Numerical measures of toxicity (such as acute toxicity estimates):     Not determined.       11.1u     Absence of specific data:     Not applicable.       11.1v     Mixture vs. substance information:     Not applicable.       11.1t     Classification by National Toxicity Program (NTP):     Not classified.       11.1y     Classification b	11.1a 11.1b 11.1c	Information on toxicological effects: Name: Acute toxicity: Skin corrosion/irritation:	Not determined. Not determined.
11.1g     Carcinogenicity:     Not determined.       11.1h     Reproductive toxicity:     Not determined.       11.1i     STOT-single exposure:     Not determined.       11.1j     STOT-repeated exposure:     Not determined.       11.1k     Aspiration hazard:     Not determined.       11.1l     Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):     May enter by skin and/or eye contact; inhalation of vapors/mist/dust.       11.1m     Ingestion:     May cause discomfort if swallowed.       11.1n     Inhalation:     In high concentrations, dust may irritate throat and respiratory system and cause coughing.       11.1p     Eye contact:     Dust may irritate skin.       11.1p     Eye contact:     Spray and dust in the eyes may cause irritation.       11.1r     Delayed and immediate effects as well as chronic effects from short and long term exposure:     Not determined.       11.1s     Numerical measures of toxicity (such as acute toxicity estimates):     Not determined.       11.1u     Absence of specific data:     Not applicable.       11.1v     Mixtures:     Not applicable.       11.1v     Mixture vs. substance information:     Not applicable.       11.1y     Classification by National Toxicity Program (NTP):     Not classified.       11.1y     Classification by International Agency for Research on Cancer (IARC):	11.1a 11.1b 11.1c 11.1d	Information on toxicological effects:  Name: Acute toxicity: Skin corrosion/irritation: Serious eye damage/irritation:	Not determined. Not determined. Not determined.
11.1h     Reproductive toxicity:     Not determined.       11.1j     STOT-single exposure:     Not determined.       11.1j     STOT-repeated exposure:     Not determined.       11.1k     Aspiration hazard:     Not determined.       11.1l     Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):     May enter by skin and/or eye contact; inhalation of vapors/mist/dust.       11.1n     Inhalation:     In high concentrations, dust may irritate throat and respiratory system and cause coughing.       11.1o     Skin contact:     Dust may irritate skin.       11.1q     Symptoms related to the physical, chemical and toxicological characteristics:     No specific symptoms noted.       11.1r     Delayed and immediate effects as well as chronic effects from short and long term exposure:     Not determined.       11.1s     Numerical measures of toxicity (such as acute toxicity estimates):     Not determined.       11.1u     Interactive effects:     Not determined.       11.1v     Mixtures:     Not applicable.       11.1w     Mixture vs. substance information:     Not applicable.       11.1y     Classification by National Toxicity Program (NTP):     Not classified.       11.1y     Classification by International Agency for Research on Cancer (IARC):     Not classified.	11.1a 11.1b 11.1c 11.1d 11.1e	Information on toxicological effects:  Name: Acute toxicity: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization:	Not determined. Not determined. Not determined. Not determined.
11.1i       STOT-single exposure:       Not determined.         11.1j       STOT-repeated exposure:       Not determined.         11.1k       Aspiration hazard:       Not determined.         11.1l       Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):       May enter by skin and/or eye contact; inhalation of vapors/mist/dust.         11.1m       Ingestion:       May cause discomfort if swallowed.         11.1n       Inhalation:       In high concentrations, dust may irritate throat and respiratory system and cause coughing.         11.1o       Skin contact:       Dust may irritate skin.         11.1p       Eye contact:       Spray and dust in the eyes may cause irritation.         11.1q       Symptoms related to the physical, chemical and toxicological characteristics:       No specific symptoms noted.         11.1r       Delayed and immediate effects as well as chronic effects from short and long term exposure:       Not determined.         11.1s       Numerical measures of toxicity (such as acute toxicity estimates):       Not determined.         11.1u       Absence of specific data:       Not determined.         11.1v       Mixtures:       Not applicable.         11.1v       Mixture vs. substance information:       Not applicable.         11.1t       Classification by National Toxicity Program (NTP):       Not cla	11.1a 11.1b 11.1c 11.1d 11.1e 11.1f	Information on toxicological effects:  Name: Acute toxicity: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization: Germ cell mutagenicity:	Not determined. Not determined. Not determined. Not determined. Not determined.
11.1j     STOT-repeated exposure:     Not determined.       11.1k     Aspiration hazard:     Not determined.       11.1l     Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):     May enter by skin and/or eye contact; inhalation of vapors/mist/dust.       11.1m     Ingestion:     May cause discomfort if swallowed.       11.1n     In high concentrations, dust may irritate throat and respiratory system and cause coughing.       11.1o     Skin contact:     Dust may irritate skin.       11.1p     Eye contact:     Spray and dust in the eyes may cause irritation.       11.1q     Symptoms related to the physical, chemical and toxicological characteristics:     No specific symptoms noted.       11.1r     Delayed and immediate effects as well as chronic effects from short and long term exposure:     Not determined.       11.1s     Numerical measures of toxicity (such as acute toxicity estimates):     Not determined.       11.1u     Absence of specific data:     Not applicable.       11.1v     Mixture vs. substance information:     Not applicable.       11.1y     Classification by National Toxicity Program (NTP):     Not classified.       11.1y     Classification by International Agency for Research on Cancer (IARC):     Not classified.	11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g	Information on toxicological effects:  Name: Acute toxicity: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization: Germ cell mutagenicity: Carcinogenicity:	Not determined.
11.1k	11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h	Information on toxicological effects:  Name: Acute toxicity: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization: Germ cell mutagenicity: Carcinogenicity: Reproductive toxicity:	Not determined.
11.11	11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i	Information on toxicological effects:  Name: Acute toxicity: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization: Germ cell mutagenicity: Carcinogenicity: Reproductive toxicity: STOT-single exposure:	Not determined.
(inhalation, ingestion, skin and eye contact):  11.1m Ingestion:  11.1n Inhalation:  In high concentrations, dust may irritate throat and respiratory system and cause coughing.  11.10 Skin contact:  11.1p Eye contact:  11.1q Symptoms related to the physical, chemical and toxicological characteristics:  11.1t Delayed and immediate effects as well as chronic effects from short and long term exposure:  11.1s Numerical measures of toxicity (such as acute toxicity estimates):  11.1t Interactive effects:  11.1t Interactive effects:  11.1v Mixtures:  11.1v Mixtures:  11.1v Mixture vs. substance information:  11.1x Classification by National Toxicity Program (NTP):  11.1y Classification by International Agency for Research on Cancer (IARC):  May cause discomfort if swallowed.  In high concentrations, dust may irritate throat and respiratory system and cause coughing.  In high concentrations, dust may irritate throat and respiratory system and cause coughing.  In high concentrations, dust may irritate throat and respiratory system and cause coughing.  In high concentrations, dust may irritate throat and respiratory system and cause coughing.  In high concentrations, dust may irritate throat and respiratory system and cause coughing.  Not determined.  Not determined.  Not determined.  Not applicable.  Not applicable.  Not applicable.  Not classified.	11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1j	Information on toxicological effects:  Name: Acute toxicity: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization: Germ cell mutagenicity: Carcinogenicity: Reproductive toxicity: STOT-single exposure: STOT-repeated exposure: Aspiration hazard:	Not determined.
11.1n     In high concentrations, dust may irritate throat and respiratory system and cause coughing.       11.1o     Skin contact:     Dust may irritate skin.       11.1p     Eye contact:     Spray and dust in the eyes may cause irritation.       11.1q     Symptoms related to the physical, chemical and toxicological characteristics:     No specific symptoms noted.       11.1r     Delayed and immediate effects as well as chronic effects from short and long term exposure:     Not determined.       11.1s     Numerical measures of toxicity (such as acute toxicity estimates):     Not determined.       11.1t     In high concentrations, dust may irritate throat and respiratory system and cause coughing.       11.1r     No specific symptoms noted.       Not determined.       Not determined.       11.1u     Absence of specific data:     Not applicable.       11.1v     Mixture vs. substance information:     Not applicable.       11.1x     Classification by National Toxicity Program (NTP):     Not classified.       11.1y     Classification by International Agency for Research on Cancer (IARC):     Not classified.	11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1i 11.1j	Information on toxicological effects:  Name: Acute toxicity: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization: Germ cell mutagenicity: Carcinogenicity: Reproductive toxicity: STOT-single exposure: STOT-repeated exposure: Aspiration hazard: Information on the likely routes of exposure	Not determined.
and cause coughing.  11.10 Skin contact:  11.1p Eye contact:  11.1q Symptoms related to the physical, chemical and toxicological characteristics:  11.1r Delayed and immediate effects as well as chronic effects from short and long term exposure:  11.1s Numerical measures of toxicity (such as acute toxicity estimates):  11.1t Interactive effects:  11.1t Interactive effects:  11.1t Mixtures:  11.1v Mixtures:  11.1v Mixture vs. substance information:  11.1x Classification by National Toxicity Program (NTP):  11.1y Classification by International Agency for Research on Cancer (IARC):	11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1i 11.1i	Information on toxicological effects:  Name: Acute toxicity: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization: Germ cell mutagenicity: Carcinogenicity: Reproductive toxicity: STOT-single exposure: STOT-repeated exposure: Aspiration hazard: Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):	Not determined.
11.10       Skin contact:       Dust may irritate skin.         11.1p       Eye contact:       Spray and dust in the eyes may cause irritation.         11.1q       Symptoms related to the physical, chemical and toxicological characteristics:       No specific symptoms noted.         11.1r       Delayed and immediate effects as well as chronic effects from short and long term exposure:       Not determined.         11.1s       Numerical measures of toxicity (such as acute toxicity estimates):       Not determined.         11.1t       Interactive effects:       Not determined.         11.1u       Absence of specific data:       Not applicable.         11.1v       Mixtures:       Not applicable.         11.1x       Classification by National Toxicity Program (NTP):       Not classified.         11.1y       Classification by International Agency for Research on Cancer (IARC):       Not classified.	11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1i 11.1j 11.1k 11.1l	Information on toxicological effects:  Name: Acute toxicity: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization: Germ cell mutagenicity: Carcinogenicity: Reproductive toxicity: STOT-single exposure: STOT-repeated exposure: Aspiration hazard: Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Ingestion:	Not determined. May enter by skin and/or eye contact; inhalation of vapors/mist/dust.  May cause discomfort if swallowed.
11.1pEye contact:Spray and dust in the eyes may cause irritation.11.1qSymptoms related to the physical, chemical and toxicological characteristics:No specific symptoms noted.11.1rDelayed and immediate effects as well as chronic effects from short and long term exposure:Not determined.11.1sNumerical measures of toxicity (such as acute toxicity estimates):Not determined.11.1tInteractive effects:Not determined.11.1uAbsence of specific data:Not applicable.11.1vMixtures:Not applicable.11.1wMixture vs. substance information:Not applicable.11.1xClassification by National Toxicity Program (NTP):Not classified.11.1yClassification by International Agency for Research on Cancer (IARC):Not classified.	11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1i 11.1j 11.1k 11.1l	Information on toxicological effects:  Name: Acute toxicity: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization: Germ cell mutagenicity: Carcinogenicity: Reproductive toxicity: STOT-single exposure: STOT-repeated exposure: Aspiration hazard: Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Ingestion:	Not determined. In high concentrations, dust may irritate throat and respiratory system
11.1q Symptoms related to the physical, chemical and toxicological characteristics:  11.1r Delayed and immediate effects as well as chronic effects from short and long term exposure:  11.1s Numerical measures of toxicity (such as acute toxicity estimates):  11.1t Interactive effects:  11.1u Absence of specific data:  11.1v Mixtures:  11.1v Mixture vs. substance information:  11.1x Classification by National Toxicity Program (NTP):  11.1y Classification by International Agency for Research on Cancer (IARC):  Not determined.  Not determined.  Not applicable.  Not applicable.  Not applicable.  Not classified.	11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1j 11.1k 11.1l	Information on toxicological effects:  Name: Acute toxicity: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization: Germ cell mutagenicity: Carcinogenicity: Reproductive toxicity: STOT-single exposure: STOT-repeated exposure: Aspiration hazard: Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Ingestion: Inhalation:	Not determined. In high concentrations, dust may irritate throat and respiratory system and cause coughing.
toxicological characteristics:  11.1r Delayed and immediate effects as well as chronic effects from short and long term exposure:  11.1s Numerical measures of toxicity (such as acute toxicity estimates):  11.1t Interactive effects:  11.1u Absence of specific data:  11.1v Mixtures:  11.1v Mixture vs. substance information:  11.1x Classification by National Toxicity Program (NTP):  11.1y Classification by International Agency for Research on Cancer (IARC):  Not determined.  Not determined.  Not applicable.  Not applicable.  Not applicable.  Not classified.	11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1j 11.1k 11.1l	Information on toxicological effects:  Name: Acute toxicity: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization: Germ cell mutagenicity: Carcinogenicity: Reproductive toxicity: STOT-single exposure: STOT-repeated exposure: Aspiration hazard: Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Ingestion: Inhalation: Skin contact:	Not determined. In high concentrations, dust may irritate throat and respiratory system and cause coughing. Dust may irritate skin.
effects from short and long term exposure:  11.1s Numerical measures of toxicity (such as acute toxicity estimates):  11.1t Interactive effects:  11.1u Absence of specific data:  11.1v Mixtures:  11.1v Mixture vs. substance information:  11.1x Classification by National Toxicity Program (NTP):  11.1y Classification by International Agency for Research on Cancer (IARC):  Not determined.  Not determined.  Not applicable.  Not applicable.  Not applicable.  Not classified.  Not classified.	11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1j 11.1k 11.1l	Information on toxicological effects:  Name: Acute toxicity: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization: Germ cell mutagenicity: Carcinogenicity: Reproductive toxicity: STOT-single exposure: STOT-repeated exposure: Aspiration hazard: Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Ingestion: Inhalation: Skin contact: Eye contact:	Not determined. In determined. May enter by skin and/or eye contact; inhalation of vapors/mist/dust.  May cause discomfort if swallowed. In high concentrations, dust may irritate throat and respiratory system and cause coughing. Dust may irritate skin. Spray and dust in the eyes may cause irritation.
11.1s       Numerical measures of toxicity (such as acute toxicity estimates):       Not determined.         11.1t       Interactive effects:       Not applicable.         11.1v       Absence of specific data:       Not applicable.         11.1v       Mixtures:       Not applicable.         11.1w       Mixture vs. substance information:       Not applicable.         11.1x       Classification by National Toxicity Program (NTP):       Not classified.         11.1y       Classification by International Agency for Research on Cancer (IARC):       Not classified.	11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1j 11.1k 11.1l 11.1m 11.1n	Information on toxicological effects:  Name: Acute toxicity: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization: Germ cell mutagenicity: Carcinogenicity: Reproductive toxicity: STOT-single exposure: STOT-repeated exposure: Aspiration hazard: Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Ingestion: Inhalation: Skin contact: Eye contact: Symptoms related to the physical, chemical and toxicological characteristics:	Not determined. In high concentrations, dust may irritate throat and respiratory system and cause coughing. Dust may irritate skin. Spray and dust in the eyes may cause irritation. No specific symptoms noted.
toxicity estimates):  11.1t Interactive effects: Not determined.  11.1u Absence of specific data: Not applicable.  11.1v Mixtures: Not applicable.  11.1m Mixture vs. substance information: Not applicable.  11.1x Classification by National Toxicity Program (NTP): Not classified.  11.1y Classification by International Agency for Research on Cancer (IARC):	11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1j 11.1k 11.1l 11.1m 11.1n	Information on toxicological effects:  Name: Acute toxicity: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization: Germ cell mutagenicity: Carcinogenicity: Reproductive toxicity: STOT-single exposure: STOT-repeated exposure: Aspiration hazard: Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Ingestion: Inhalation: Skin contact: Eye contact: Symptoms related to the physical, chemical and toxicological characteristics: Delayed and immediate effects as well as chronic	Not determined. In high concentrations, dust may irritate throat and respiratory system and cause coughing. Dust may irritate skin. Spray and dust in the eyes may cause irritation. No specific symptoms noted.
11.1t     Interactive effects:     Not determined.       11.1u     Absence of specific data:     Not applicable.       11.1v     Mixtures:     Not applicable.       11.1w     Mixture vs. substance information:     Not applicable.       11.1x     Classification by National Toxicity Program (NTP):     Not classified.       11.1y     Classification by International Agency for Research on Cancer (IARC):     Not classified.	11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1j 11.1k 11.1l 11.1m 11.1n 11.1n	Information on toxicological effects:  Name: Acute toxicity: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization: Germ cell mutagenicity: Carcinogenicity: Reproductive toxicity: STOT-single exposure: STOT-repeated exposure: Aspiration hazard: Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Ingestion: Inhalation: Skin contact: Eye contact: Symptoms related to the physical, chemical and toxicological characteristics: Delayed and immediate effects as well as chronic effects from short and long term exposure:	Not determined. In high concentrations, dust may irritate throat and respiratory system and cause coughing. Dust may irritate skin. Spray and dust in the eyes may cause irritation. No specific symptoms noted.  Not determined.
11.1u     Absence of specific data:     Not applicable.       11.1v     Mixtures:     Not applicable.       11.1w     Mixture vs. substance information:     Not applicable.       11.1x     Classification by National Toxicity Program (NTP):     Not classified.       11.1y     Classification by International Agency for Research on Cancer (IARC):     Not classified.	11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1j 11.1k 11.1l 11.1m 11.1n 11.1n	Information on toxicological effects:  Name: Acute toxicity: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization: Germ cell mutagenicity: Carcinogenicity: Reproductive toxicity: STOT-single exposure: STOT-repeated exposure: Aspiration hazard: Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Ingestion: Inhalation: Skin contact: Eye contact: Symptoms related to the physical, chemical and toxicological characteristics: Delayed and immediate effects as well as chronic effects from short and long term exposure: Numerical measures of toxicity (such as acute	Not determined. In high concentrations, dust may irritate throat and respiratory system and cause coughing. Dust may irritate skin. Spray and dust in the eyes may cause irritation. No specific symptoms noted.  Not determined.
11.1v     Mixtures:     Not applicable.       11.1w     Mixture vs. substance information:     Not applicable.       11.1x     Classification by National Toxicity Program (NTP):     Not classified.       11.1y     Classification by International Agency for Research on Cancer (IARC):     Not classified.	11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1,1i 11.1n 11.1n 11.1n 11.1n 11.1n 11.1n	Information on toxicological effects:  Name: Acute toxicity: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization: Germ cell mutagenicity: Carcinogenicity: Reproductive toxicity: STOT-single exposure: STOT-repeated exposure: Aspiration hazard: Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Ingestion: Inhalation: Skin contact: Eye contact: Symptoms related to the physical, chemical and toxicological characteristics: Delayed and immediate effects as well as chronic effects from short and long term exposure: Numerical measures of toxicity (such as acute toxicity estimates):	Not determined. In high concentrations, dust may irritate throat and respiratory system and cause coughing. Dust may irritate skin. Spray and dust in the eyes may cause irritation. No specific symptoms noted.  Not determined.  Not determined.
11.1x Classification by National Toxicity Program (NTP): Not classified.  11.1y Classification by International Agency for Research on Cancer (IARC): Not classified.	11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1,1i 11.1m 11.1n 11.1n 11.1n 11.1n 11.1n 11.1c	Information on toxicological effects:  Name: Acute toxicity: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization: Germ cell mutagenicity: Carcinogenicity: Reproductive toxicity: STOT-single exposure: STOT-repeated exposure: Aspiration hazard: Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Ingestion: Inhalation: Skin contact: Eye contact: Symptoms related to the physical, chemical and toxicological characteristics: Delayed and immediate effects as well as chronic effects from short and long term exposure: Numerical measures of toxicity (such as acute toxicity estimates): Interactive effects:	Not determined. May enter by skin and/or eye contact; inhalation of vapors/mist/dust.  May cause discomfort if swallowed. In high concentrations, dust may irritate throat and respiratory system and cause coughing. Dust may irritate skin. Spray and dust in the eyes may cause irritation. No specific symptoms noted.  Not determined.  Not determined.
11.1y Classification by International Agency for Research on Cancer (IARC):  Not classified.	11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1,1i 11.1n 11.1n 11.1n 11.1n 11.1n 11.1c	Information on toxicological effects:  Name: Acute toxicity: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization: Germ cell mutagenicity: Carcinogenicity: Reproductive toxicity: STOT-single exposure: STOT-repeated exposure: Aspiration hazard: Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Ingestion: Inhalation: Skin contact: Eye contact: Symptoms related to the physical, chemical and toxicological characteristics: Delayed and immediate effects as well as chronic effects from short and long term exposure: Numerical measures of toxicity (such as acute toxicity estimates): Interactive effects: Absence of specific data: Mixtures:	Not determined. May enter by skin and/or eye contact; inhalation of vapors/mist/dust.  May cause discomfort if swallowed. In high concentrations, dust may irritate throat and respiratory system and cause coughing. Dust may irritate skin. Spray and dust in the eyes may cause irritation. No specific symptoms noted.  Not determined.  Not determined.  Not determined. Not applicable. Not applicable.
on Cancer (IARC):	11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1,1i 11.1m 11.1n 11.1n 11.1n 11.1n 11.1c 11.1s 11.1t 11.1t 11.1t 11.1t	Information on toxicological effects:  Name: Acute toxicity: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization: Germ cell mutagenicity: Carcinogenicity: Reproductive toxicity: STOT-single exposure: STOT-repeated exposure: Aspiration hazard: Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Ingestion: Inhalation: Skin contact: Eye contact: Symptoms related to the physical, chemical and toxicological characteristics: Delayed and immediate effects as well as chronic effects from short and long term exposure: Numerical measures of toxicity (such as acute toxicity estimates): Interactive effects: Absence of specific data: Mixtures: Mixture vs. substance information:	Not determined. May enter by skin and/or eye contact; inhalation of vapors/mist/dust.  May cause discomfort if swallowed. In high concentrations, dust may irritate throat and respiratory system and cause coughing. Dust may irritate skin. Spray and dust in the eyes may cause irritation. No specific symptoms noted.  Not determined.  Not determined.  Not determined. Not applicable. Not applicable. Not applicable. Not applicable.
	11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1,1i 11.1n 11.1n 11.1n 11.1n 11.1n 11.1c	Information on toxicological effects:  Name: Acute toxicity: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization: Germ cell mutagenicity: Carcinogenicity: Reproductive toxicity: STOT-single exposure: STOT-repeated exposure: Aspiration hazard: Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Ingestion: Inhalation: Skin contact: Eye contact: Symptoms related to the physical, chemical and toxicological characteristics: Delayed and immediate effects as well as chronic effects from short and long term exposure: Numerical measures of toxicity (such as acute toxicity estimates): Interactive effects: Absence of specific data: Mixtures: Mixture vs. substance information: Classification by National Toxicity Program (NTP):	Not determined. May enter by skin and/or eye contact; inhalation of vapors/mist/dust.  May cause discomfort if swallowed. In high concentrations, dust may irritate throat and respiratory system and cause coughing. Dust may irritate skin. Spray and dust in the eyes may cause irritation. No specific symptoms noted.  Not determined.  Not determined. Not applicable. Not applicable. Not applicable. Not classified.
11.1z   Classification by OSHA 13: Not classified.	11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1,1i 11.1n 11.1n 11.1n 11.1n 11.1n 11.1c	Information on toxicological effects:  Name: Acute toxicity: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization: Germ cell mutagenicity: Carcinogenicity: Reproductive toxicity: STOT-single exposure: STOT-repeated exposure: Aspiration hazard: Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Ingestion: Inhalation: Skin contact: Eye contact: Symptoms related to the physical, chemical and toxicological characteristics: Delayed and immediate effects as well as chronic effects from short and long term exposure: Numerical measures of toxicity (such as acute toxicity estimates): Interactive effects: Absence of specific data: Mixtures: Mixture vs. substance information: Classification by National Toxicity Program (NTP): Classification by International Agency for Research	Not determined. May enter by skin and/or eye contact; inhalation of vapors/mist/dust.  May cause discomfort if swallowed. In high concentrations, dust may irritate throat and respiratory system and cause coughing. Dust may irritate skin. Spray and dust in the eyes may cause irritation. No specific symptoms noted.  Not determined.  Not determined. Not applicable. Not applicable. Not applicable. Not classified.
	11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1,1i 11.1n 11.1n 11.1n 11.1n 11.1n 11.1c 11.1s 11.1t	Information on toxicological effects:  Name: Acute toxicity: Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization: Germ cell mutagenicity: Carcinogenicity: Reproductive toxicity: STOT-single exposure: STOT-repeated exposure: Aspiration hazard: Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Ingestion: Inhalation: Skin contact: Eye contact: Symptoms related to the physical, chemical and toxicological characteristics: Delayed and immediate effects as well as chronic effects from short and long term exposure: Numerical measures of toxicity (such as acute toxicity estimates): Interactive effects: Absence of specific data: Mixtures: Mixture vs. substance information: Classification by National Toxicity Program (NTP): Classification by International Agency for Research on Cancer (IARC):	Not determined. May enter by skin and/or eye contact; inhalation of vapors/mist/dust.  May cause discomfort if swallowed. In high concentrations, dust may irritate throat and respiratory system and cause coughing. Dust may irritate skin. Spray and dust in the eyes may cause irritation. No specific symptoms noted.  Not determined.  Not determined.  Not determined. Not applicable. Not applicable. Not classified. Not classified.

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11.1ab	660-DEVD-FMK SDS; Doc# F17-6322-4-D; Effect Other information:	None.			
	12: Ecological information				
<b>12.1</b> 12.1a	Toxicity: Name:	660-DEVD-FMK.			
12.1b	Ecotoxicity (aquatic and terrestrial, where available):	Not determined.			
12.2	Persistence and degradability:	There are no data on the degradability of this product.			
12.3	Bioaccumulative potential:	No data available on bioaccumulation.			
12.4	Mobility in soil:	No data available.			
12.5	Results of PBT and vPvB assessment:	Not determined.			
12.6	Other adverse effects:	No data available.			
Section	n 13: Disposal considerations				
13.1	Waste treatment methods:	When handling waste, consideration should be made to the safety			
		precautions applying to handling of the product.			
13.1a	Description of waste residues and information on	Dispose of waste and residues in accordance with local authority			
	their safe handling and methods of disposal, including the disposal of any contaminated	requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8			
	packaging:	(exposure controls and personal protection) of the SDS.			
	paokaging.	(exposure controls and personal protection) of the CBC.			
	14: Transport information				
14.1	UN number:	Not applicable.			
14.2	UN proper shipping name:	Not applicable.			
14.3 14.4	Transport hazard class(es): Packing group:	Not applicable.  Not applicable.			
14.4	Environmental hazards:	Not applicable.			
14.5a	Is it environmentally dangerous according to UN	No.			
	Model Regulations (IMDG Code, ADR, RID, and				
	ADN)?:				
14.5b	Is it a marine pollutant according to the IMDG	No.			
14.6	code?: Special precautions for user:	None known.			
14.7	Transport in bulk according to Annex II of	Not applicable.			
	MARPOL and the IBC code:	Trot applicable.			
14.7a	Other information:	The product is not considered a dangerous good for transport.			
14.7b	Classification for other modes of transport:	Contact supplier.			
Soction		- The Classification of the Control			
	15. Pogulatory information				
	15: Regulatory information				
15.1	Safety, health and environmental				
	Safety, health and environmental regulations/legislation specific for the substance or mixture:				
	Safety, health and environmental regulations/legislation specific for the substance or mixture:  Regional safety, health and environmental	None known.			
<b>15.1</b> 15.1a	Safety, health and environmental regulations/legislation specific for the substance or mixture:  Regional safety, health and environmental regulations specific for the product in question:				
15.1a 15.1b	Safety, health and environmental regulations/legislation specific for the substance or mixture:  Regional safety, health and environmental regulations specific for the product in question:  USA SARA Components (such as 302/311/313):	Not listed.			
15.1a 15.1b 15.1c	Safety, health and environmental regulations/legislation specific for the substance or mixture:  Regional safety, health and environmental regulations specific for the product in question:  USA SARA Components (such as 302/311/313):  USA Massachusetts Right to Know:	Not listed. Not listed.			
15.1a 15.1a 15.1b 15.1c 15.1d	Safety, health and environmental regulations/legislation specific for the substance or mixture:  Regional safety, health and environmental regulations specific for the product in question:  USA SARA Components (such as 302/311/313):  USA Massachusetts Right to Know:  USA Pennsylvania Right to Know:	Not listed.			
15.1a 15.1b 15.1c 15.1d 15.1e 15.1f	Safety, health and environmental regulations/legislation specific for the substance or mixture:  Regional safety, health and environmental regulations specific for the product in question:  USA SARA Components (such as 302/311/313):  USA Massachusetts Right to Know:  USA Pennsylvania Right to Know:  USA New Jersey Right to Know:  USA California Prop. 65 Components:	Not listed. Not listed. Not listed.			
15.1a 15.1b 15.1c 15.1d 15.1e 15.1f 15.1g	Safety, health and environmental regulations/legislation specific for the substance or mixture:  Regional safety, health and environmental regulations specific for the product in question:  USA SARA Components (such as 302/311/313):  USA Massachusetts Right to Know:  USA Pennsylvania Right to Know:  USA New Jersey Right to Know:  USA California Prop. 65 Components:  EU Regulation 1907/2006 {REACH}:	Not listed. Not listed. Not listed. Not listed. Not listed. Not listed			
15.1a 15.1a 15.1b 15.1c 15.1d 15.1e 15.1f 15.1g 15.1h	Safety, health and environmental regulations/legislation specific for the substance or mixture:  Regional safety, health and environmental regulations specific for the product in question:  USA SARA Components (such as 302/311/313):  USA Massachusetts Right to Know:  USA Pennsylvania Right to Know:  USA New Jersey Right to Know:  USA California Prop. 65 Components:  EU Regulation 1907/2006 {REACH}:  Annex XIV substances subject to authorization:	Not listed. Not listed. Not listed. Not listed. Not listed. Not listed Not listed			
15.1a  15.1b 15.1c 15.1d 15.1e 15.1f 15.1g 15.1h 15.1i	Safety, health and environmental regulations/legislation specific for the substance or mixture:  Regional safety, health and environmental regulations specific for the product in question: USA SARA Components (such as 302/311/313): USA Massachusetts Right to Know: USA Pennsylvania Right to Know: USA New Jersey Right to Know: USA California Prop. 65 Components: EU Regulation 1907/2006 {REACH}: Annex XIV substances subject to authorization: Substances of very high concern:	Not listed. Not listed. Not listed. Not listed. Not listed. Not listed Not listed Not listed. Not listed.			
15.1a 15.1a 15.1b 15.1c 15.1d 15.1e 15.1f 15.1g 15.1h	Safety, health and environmental regulations/legislation specific for the substance or mixture:  Regional safety, health and environmental regulations specific for the product in question: USA SARA Components (such as 302/311/313): USA Massachusetts Right to Know: USA Pennsylvania Right to Know: USA New Jersey Right to Know: USA California Prop. 65 Components: EU Regulation 1907/2006 {REACH}: Annex XIV substances subject to authorization:	Not listed. Not listed. Not listed. Not listed. Not listed. Not listed. Not listed Not listed. Classification and labeling of substances and preparations dangerous			
15.1a  15.1b 15.1c 15.1d 15.1e 15.1f 15.1g 15.1h 15.1i	Safety, health and environmental regulations/legislation specific for the substance or mixture:  Regional safety, health and environmental regulations specific for the product in question: USA SARA Components (such as 302/311/313): USA Massachusetts Right to Know: USA Pennsylvania Right to Know: USA New Jersey Right to Know: USA California Prop. 65 Components: EU Regulation 1907/2006 {REACH}: Annex XIV substances subject to authorization: Substances of very high concern:	Not listed. Not listed. Not listed. Not listed. Not listed. Not listed Not listed Not listed. Not listed.			
15.1a  15.1b 15.1c 15.1d 15.1e 15.1f 15.1g 15.1h 15.1i 15.1j	Safety, health and environmental regulations/legislation specific for the substance or mixture:  Regional safety, health and environmental regulations specific for the product in question:  USA SARA Components (such as 302/311/313):  USA Massachusetts Right to Know:  USA Pennsylvania Right to Know:  USA New Jersey Right to Know:  USA California Prop. 65 Components:  EU Regulation 1907/2006 {REACH}:  Annex XIV substances subject to authorization:  Substances of very high concern:  Approved code of practice:	Not listed. Not listed. Not listed. Not listed. Not listed. Not listed.  Not listed.  Classification and labeling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.			
15.1a  15.1b 15.1c 15.1d 15.1e 15.1f 15.1g 15.1h 15.1i 15.1i 15.1j	Safety, health and environmental regulations/legislation specific for the substance or mixture:  Regional safety, health and environmental regulations specific for the product in question:  USA SARA Components (such as 302/311/313):  USA Massachusetts Right to Know:  USA Pennsylvania Right to Know:  USA New Jersey Right to Know:  USA California Prop. 65 Components:  EU Regulation 1907/2006 {REACH}:  Annex XIV substances subject to authorization:  Substances of very high concern:  Approved code of practice:  Guidance notes:	Not listed.  Not listed.  Classification and labeling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.  Workplace exposure limits EH40.  (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures {CLP Regulation}. EC 830/2015. Regulation			
15.1a  15.1b 15.1c 15.1d 15.1e 15.1f 15.1g 15.1h 15.1i 15.1i 15.1j	Safety, health and environmental regulations/legislation specific for the substance or mixture:  Regional safety, health and environmental regulations specific for the product in question:  USA SARA Components (such as 302/311/313):  USA Massachusetts Right to Know:  USA Pennsylvania Right to Know:  USA New Jersey Right to Know:  USA California Prop. 65 Components:  EU Regulation 1907/2006 {REACH}:  Annex XIV substances subject to authorization:  Substances of very high concern:  Approved code of practice:  Guidance notes:	Not listed.  Not listed.  Classification and labeling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.  Workplace exposure limits EH40.  (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures {CLP Regulation}. EC 830/2015. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of			
15.1a  15.1b 15.1c 15.1d 15.1e 15.1f 15.1g 15.1h 15.1i 15.1i 15.1j	Safety, health and environmental regulations/legislation specific for the substance or mixture:  Regional safety, health and environmental regulations specific for the product in question:  USA SARA Components (such as 302/311/313):  USA Massachusetts Right to Know:  USA Pennsylvania Right to Know:  USA New Jersey Right to Know:  USA California Prop. 65 Components:  EU Regulation 1907/2006 {REACH}:  Annex XIV substances subject to authorization:  Substances of very high concern:  Approved code of practice:  Guidance notes:	Not listed. Not listed. Not listed. Not listed. Not listed. Not listed.  Not listed.  Not listed.  Classification and labeling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.  Workplace exposure limits EH40.  (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures {CLP Regulation}. EC 830/2015. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation,			
15.1a  15.1b 15.1c 15.1d 15.1e 15.1f 15.1g 15.1h 15.1i 15.1i 15.1j	Safety, health and environmental regulations/legislation specific for the substance or mixture:  Regional safety, health and environmental regulations specific for the product in question:  USA SARA Components (such as 302/311/313):  USA Massachusetts Right to Know:  USA Pennsylvania Right to Know:  USA New Jersey Right to Know:  USA California Prop. 65 Components:  EU Regulation 1907/2006 {REACH}:  Annex XIV substances subject to authorization:  Substances of very high concern:  Approved code of practice:  Guidance notes:	Not listed. Not listed. Not listed. Not listed. Not listed. Not listed.  Not listed.  Not listed.  Classification and labeling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.  Workplace exposure limits EH40.  (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures {CLP Regulation}. EC 830/2015. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a			
15.1a  15.1b 15.1c 15.1d 15.1e 15.1f 15.1g 15.1h 15.1i 15.1i 15.1j	Safety, health and environmental regulations/legislation specific for the substance or mixture:  Regional safety, health and environmental regulations specific for the product in question:  USA SARA Components (such as 302/311/313):  USA Massachusetts Right to Know:  USA Pennsylvania Right to Know:  USA New Jersey Right to Know:  USA California Prop. 65 Components:  EU Regulation 1907/2006 {REACH}:  Annex XIV substances subject to authorization:  Substances of very high concern:  Approved code of practice:  Guidance notes:	Not listed. Not listed. Not listed. Not listed. Not listed. Not listed.  Not listed.  Not listed.  Classification and labeling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.  Workplace exposure limits EH40.  (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures {CLP Regulation}. EC 830/2015. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and			
15.1a  15.1b 15.1c 15.1d 15.1e 15.1f 15.1g 15.1h 15.1i 15.1i 15.1j	Safety, health and environmental regulations/legislation specific for the substance or mixture:  Regional safety, health and environmental regulations specific for the product in question:  USA SARA Components (such as 302/311/313):  USA Massachusetts Right to Know:  USA Pennsylvania Right to Know:  USA New Jersey Right to Know:  USA California Prop. 65 Components:  EU Regulation 1907/2006 {REACH}:  Annex XIV substances subject to authorization:  Substances of very high concern:  Approved code of practice:  Guidance notes:	Not listed. Not listed. Not listed. Not listed. Not listed. Not listed.  Not listed.  Not listed.  Classification and labeling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.  Workplace exposure limits EH40.  (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures {CLP Regulation}. EC 830/2015. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC			
15.1a  15.1b 15.1c 15.1d 15.1e 15.1f 15.1g 15.1h 15.1i 15.1i 15.1j	Safety, health and environmental regulations/legislation specific for the substance or mixture:  Regional safety, health and environmental regulations specific for the product in question:  USA SARA Components (such as 302/311/313):  USA Massachusetts Right to Know:  USA Pennsylvania Right to Know:  USA New Jersey Right to Know:  USA California Prop. 65 Components:  EU Regulation 1907/2006 {REACH}:  Annex XIV substances subject to authorization:  Substances of very high concern:  Approved code of practice:  Guidance notes:	Not listed.  Classification and labeling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.  Workplace exposure limits EH40.  (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures {CLP Regulation}. EC 830/2015. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and			
15.1a 15.1a 15.1b 15.1c 15.1d 15.1e 15.1f 15.1g 15.1h 15.1i 15.1i 15.1i	Safety, health and environmental regulations/legislation specific for the substance or mixture:  Regional safety, health and environmental regulations specific for the product in question:  USA SARA Components (such as 302/311/313):  USA Massachusetts Right to Know:  USA Pennsylvania Right to Know:  USA New Jersey Right to Know:  USA California Prop. 65 Components:  EU Regulation 1907/2006 {REACH}:  Annex XIV substances subject to authorization:  Substances of very high concern:  Approved code of practice:  Guidance notes:  EU legislation references:	Not listed.  Classification and labeling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.  Workplace exposure limits EH40.  (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures {CLP Regulation}. EC 830/2015. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.			
15.1a 15.1a 15.1b 15.1c 15.1d 15.1e 15.1f 15.1g 15.1h 15.1i 15.1i 15.1j	Safety, health and environmental regulations/legislation specific for the substance or mixture:  Regional safety, health and environmental regulations specific for the product in question:  USA SARA Components (such as 302/311/313):  USA Massachusetts Right to Know:  USA Pennsylvania Right to Know:  USA New Jersey Right to Know:  USA California Prop. 65 Components:  EU Regulation 1907/2006 {REACH}:  Annex XIV substances subject to authorization:  Substances of very high concern:  Approved code of practice:  Guidance notes:  EU legislation references:	Not listed. Not listed. Not listed. Not listed. Not listed. Not listed.  Not listed.  Not listed.  Not listed.  Classification and labeling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.  Workplace exposure limits EH40.  (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures {CLP Regulation}. EC 830/2015. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.  Not required.			
15.1a 15.1a 15.1b 15.1c 15.1d 15.1e 15.1f 15.1g 15.1h 15.1i 15.1i 15.1i	Safety, health and environmental regulations/legislation specific for the substance or mixture:  Regional safety, health and environmental regulations specific for the product in question:  USA SARA Components (such as 302/311/313):  USA Massachusetts Right to Know:  USA Pennsylvania Right to Know:  USA New Jersey Right to Know:  USA California Prop. 65 Components:  EU Regulation 1907/2006 {REACH}:  Annex XIV substances subject to authorization:  Substances of very high concern:  Approved code of practice:  Guidance notes:  EU legislation references:	Not listed.  Classification and labeling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.  Workplace exposure limits EH40.  (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures {CLP Regulation}. EC 830/2015. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.			
15.1a  15.1a  15.1b  15.1c  15.1c  15.1d  15.1e  15.1f  15.1j  15.1h  15.1i  15.1i  15.1s  15.1c	Safety, health and environmental regulations/legislation specific for the substance or mixture:  Regional safety, health and environmental regulations specific for the product in question:  USA SARA Components (such as 302/311/313):  USA Massachusetts Right to Know:  USA Pennsylvania Right to Know:  USA New Jersey Right to Know:  USA California Prop. 65 Components:  EU Regulation 1907/2006 {REACH}:  Annex XIV substances subject to authorization:  Substances of very high concern:  Approved code of practice:  Guidance notes:  EU legislation references:	Not listed.  Classification and labeling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.  Workplace exposure limits EH40.  (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures {CLP Regulation}. EC 830/2015. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.  Not required.			
15.1a  15.1a  15.1b  15.1c  15.1d  15.1e  15.1f  15.1j  15.1i  15.1i  15.1j  15.2  15.2a  Section  16.1	Safety, health and environmental regulations/legislation specific for the substance or mixture:  Regional safety, health and environmental regulations specific for the product in question:  USA SARA Components (such as 302/311/313):  USA Massachusetts Right to Know:  USA Pennsylvania Right to Know:  USA New Jersey Right to Know:  USA California Prop. 65 Components:  EU Regulation 1907/2006 {REACH}:  Annex XIV substances subject to authorization:  Substances of very high concern:  Approved code of practice:  Guidance notes:  EU legislation references:  Chemical safety assessment:  Other regulatory information:	Not listed. Not listed. Not listed. Not listed. Not listed. Not listed.  Not listed.  Classification and labeling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.  Workplace exposure limits EH40.  (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures {CLP Regulation}. EC 830/2015. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.  None.			
15.1a  15.1a  15.1b  15.1c  15.1d  15.1e  15.1f  15.1j  15.1i  15.1i  15.1i  15.1s  15.1c  15	Safety, health and environmental regulations/legislation specific for the substance or mixture:  Regional safety, health and environmental regulations specific for the product in question:  USA SARA Components (such as 302/311/313):  USA Massachusetts Right to Know:  USA Pennsylvania Right to Know:  USA New Jersey Right to Know:  USA California Prop. 65 Components:  EU Regulation 1907/2006 {REACH}:  Annex XIV substances subject to authorization:  Substances of very high concern:  Approved code of practice:  Guidance notes:  EU legislation references:  Chemical safety assessment:  Other regulatory information:	Not listed.  Classification and labeling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.  Workplace exposure limits EH40.  (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures {CLP Regulation}. EC 830/2015. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.  Not required.			

	660-DEVD-FMK SDS; Doc# F17-6322-4-D; E1	fective: 09/26/2017; Supersedes: F17-6344-4-C; Page 6 of 6
16.1c	Supersedes SDS number and revision:	F17-6344-4-C
16.1d	Changes made to the previous version of the SDS:	Reviewed and updated document control numbers; minor corrections.
16.1e	Key/legend to abbreviations and acronyms used in	ACGIH American Conference of Governmental Industrial Hygienists.
	the SDS:	ADN European Provisions concerning the International Carriage of
		Dangerous Goods by Inland Waterway.
		ADR The European Agreement concerning the International Carriage
		of Dangerous Goods by Road.
		ATE Acute Toxicity Estimate.
		BCF Bio Concentration Factor.
		CAS Chemical Abstracts Service.
		CLP Classification, Labelling and Packaging.
		CMR Carcinogen, Mutagen or Reproductive toxicant.
		COD Chemical Oxygen Demand.
		EC European Commission.
		EC50 Half maximal effective concentration.
		EH40 Resource containing the list of workplace exposure limits for use
		with the Control of Substances Hazardous to Health Regulations.
		EINECS European Inventory of Existing Commercial chemical
		Substances.
		ELINCS European List of Notified Chemical Substances.
		EU European Union.
		GHS Globally Harmonized System of Classification and Labelling of
		Chemicals.
		H Statement GHS Hazard statement.
		IATA International Air Transport Association.
		IBC Intermediate Bulk Container.
		IC50 Half maximal inhibitory concentration.
		IMDG International Maritime Dangerous Goods.
		LC50 Median lethal concentration.
		LD50 Median lethal dose.
		LogPow logarithm of the octanol/water partition coefficient.
		MARPOL 73/78 International Convention for the Prevention of
		Pollution From Ships, 1973 as modified by the Protocol of 1978.
		OEL Occupational Exposure Limit.
		OSHA Occupational Safety and Health Administration (USA).
		PBT Persistent, Bioaccumulative, and Toxic.
		PEL Permissible Exposure Limit.
		RID The Regulations concerning the International Carriage of
		Dangerous Goods by Rail.
		SADT Self-Accelerating Decomposition Temperature.
		SARA Superfund Amendments and Reauthorization Act.
		SCBA Self-Contained Breathing Apparatus.
		SDS Safety Data Sheet.
		STOT Specific Target Organ Toxicity.
		STOT-RE Specific Target Organ Toxicity - Repeated Exposure.
		STOT-SE Specific Target Organ Toxicity - Single Exposure.
		UN United Nations.
		USA United Nations. USA United States of America.
		vPvB very Persistent very bioaccumulative.
16.1f	Full text of hazard statements and/or precautionary	
10.11	statements not written out in full elsewhere:	7 iii Statemente were written out in full.
DISCLA		cific material designated and may not be valid for such material used
DISCL		or in any process. Such information is, to the best of the company's
		able as of the date indicated. However, no warranty guarantee or
		reliability, or completeness. It is the user's responsibility to satisfy
	himself as to the suitability of such info	manon for his own particular use.

END OF SDS



# SAFETY DATA SHEET (SDS) according to Regulation (EC) No. 830/2015 amending 1907/2006

Section	on 1: Identification of the substance/mixture and of th	e company/undertaking
1.1	Product identifier:	10X Apoptosis Wash Buffer
1.1a	Other means of identification:	
1.1b	Alternative product name(s)/ synonyms:	10X AWB, AWB, Apoptosis Wash Buffer
1.1c	Product number/Catalog #(s):	535, 634, 635
1.1d	Internal identification:	10X AWB, AWB, Apoptosis Wash Buffer
1.2	Relevant identified uses of the substance or	For research use only. Not for use in diagnostic procedures.
	mixture and uses advised against:	
1.2a	Brief description of what the substance or mixture is	A buffered diluent for use in research laboratory techniques.
	intended to do:	
1.3	Details of the supplier of the SDS:	
1.3a	Name:	ImmunoChemistry Technologies, LLC (ICT)
1.3b	Address:	9401 James Avenue South, Suite 155
1.3c	City, State, Zip, Country	Bloomington, MN 55431-2500 USA
1.3d	Phone number:	1-800-829-3194 and 952-888-8788
1.3e	Fax number:	952-888-8988
1.3f	Website:	www.immunochemistry.com
1.3g	Email:	help@immunochemistry.com
1.3h	Contact person at ICT:	Quality Documentation Department
1.4	Emergency telephone number:	ICT: 1-800-829-3194 (USA & Canada) or 952-888-8788 world wide;
		ICT hours are 9 am-5 pm central time USA, Monday through Friday
		(excluding holidays). Chemtrec 24-hour access within USA and
		Canada: 1-800-424-9300 or +1 703-527-3887. Collect calls accepted.
	on 2: Hazards identification	
2.1	Classification of the substance or mixture:	
2.1a	Product is a:	Mixture.
2.1b	Classification according to (EC) No. 1272/2008	Does not meet the criteria for classification.
	{CLP}:	
2.1c	The most important adverse physiochemical, human	Prolonged skin contact may cause redness and irritation. Refer to
0.0	health, and environmental effects:	Sections 4, 9-12.
<b>2.2</b> 2.2a	Label elements:	None.
2.2a	GHS label elements, including precautionary statements:	•
2.2b	Contains:	Contains ≤0.1% sodium azide.
2.2c	Labeling in accordance with (EC) No. 1272/2008:	Contains 20.1 // Soulum azide.
2.2d	Hazard Pictograms (Hazard Symbols):	None.
2.2e	Signal word:	None.
2.2f	Hazard statements:	None.
2.2g	Precautionary statements:	None.
2.2h	Supplementary precaution statements:	None.
2.3	Other hazards:	No additional information available.
2.3a	Does the chemical meet the criteria for PBT or vPvB?	Not applicable.
2.3b	Other hazards which do not result in classification:	Contains sodium azide (NaN <sub>3</sub> , CAS #26628-22-8; EC #247-852-1) at
2.50	Other riazards which do not result in classification.	≤0.1%, sodium chloride (NaCl, salt), and phosphates which are below
		the threshold for hazard classification, but may cause redness and
		irritation after prolonged exposure.
	<u></u>	Timation altor prolonged expedition
Section	on 3: Composition/information on ingredients	
3.1	Substance:	Item is a mixture therefore Section 3.1 is not applicable; see Section
		3.2.
3.2	Mixture:	Item is a mixture.
	The chemical identity and concentration or	
	concentration ranges of all ingredients which are	
	hazardous and are present above their cut-off levels:	No ingredients identified for reporting in this section.
		No ingredients identified for reporting in this section.
Section	hazardous and are present above their cut-off levels: 3.2a Chemical identity:	No ingredients identified for reporting in this section.
Section 4.1	hazardous and are present above their cut-off levels: 3.2a Chemical identity:  on 4: First aid measures	
	hazardous and are present above their cut-off levels: 3.2a Chemical identity:	No ingredients identified for reporting in this section.  If concerned, get medical attention/advice and provide physician with SDS information. Wash contaminated clothing before re-use. Never

10X Apoptosis Wash Buffer SDS; Doc# F17-535-2-C; Effective: 5/19/17; Supersedes: F17-535-2-B; Page 2 of 6

		5; Effective: 3/19/17; Supersedes: F17-335-2-b; Page 2 01 6
4.1a	Inhalation:	Remove to fresh air and keep at rest in a comfortable position for
		breathing. If not breathing, give artificial respiration. Rinse nose and
		mouth with water. Get medical attention if any discomfort continues.
4.1b	Skin contact:	Wash skin thoroughly with soap and water for several minutes;
7.10	Okin contact.	continue to rinse for at least 15 minutes. Remove any contaminated
		clothing and shoes and wash thoroughly before reuse. Get medical
		attention if any discomfort continues.
4.1c	Eye contact:	Promptly wash eyes with plenty of water while lifting the eyelids. Make
		sure to remove any contact lenses from the eyes before rinsing.
		Continue to rinse for at least 15 minutes. Get medical attention if any
		discomfort continues.
4.1d	Ingestion:	NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK
	-	FLUIDS! Rinse mouth thoroughly. Do not induce vomiting without
		advice from poison control center or medical professional. Get medical
		attention if any discomfort continues.
4.0	Mark to the state of the state	
4.2	Most important symptoms and effects, both acute	Contains sodium azide, sodium chloride, and phosphates which are
	and delayed:	below the threshold for hazard classification, but may cause redness
		and irritation after prolonged exposure.
4.2a	Inhalation:	May cause coughing or mild irritation.
4.2b	Skin contact:	Prolonged skin contact may cause redness and mild irritation.
4.2c	Eye contact:	May cause temporary eye irritation.
4.2d	Ingestion:	May cause discomfort if swallowed.
4.3	Indication of any immediate medical attention and	No specific first aid measures noted, but first aid may still be required
	special treatment needed:	in case of accidental exposure, inhalation, or ingestion of this product.
		If in doubt, get medical attention promptly!
4.0-	Notes to abusicion/first responden	
4.3a	Notes to physician/first responder:	Treat symptomatically. Refer to Sections 5-8 for advice on personal
		protective equipment.
Section	n 5: Firefighting measures	
5.1	Extinguishing media:	This product is not flammable. Use fire-extinguishing media
•••	=xiiigaioiiiig iioalai	appropriate for the surrounding materials.
F 1-	Cuitable autinoviabies madie	
5.1a	Suitable extinguishing media:	Water spray, foam, dry powder, or carbon dioxide.
5.1b	Unsuitable extinguishing media:	None known.
5.2	Special hazards arising from the substance or	This product is not flammable. Product is not explosive. No dangerous
		and the second condenses and the second seco
	mixture:	reactions known under normal conditions of use.
5 2a	mixture: Hazardous combustion products:	reactions known under normal conditions of use.
5.2a	Hazardous combustion products:	None under normal conditions.
5.2b	Hazardous combustion products: Unusual fire & explosion hazards:	None under normal conditions.  No unusual fire or explosion hazards noted.
5.2b 5.2c	Hazardous combustion products: Unusual fire & explosion hazards: Protective measures in fire:	None under normal conditions.  No unusual fire or explosion hazards noted.  Use protective equipment appropriate for surrounding materials.
5.2b	Hazardous combustion products: Unusual fire & explosion hazards:	None under normal conditions.  No unusual fire or explosion hazards noted.  Use protective equipment appropriate for surrounding materials.  Keep away from heat, hot surfaces, sparks, open flames and other
5.2b 5.2c	Hazardous combustion products: Unusual fire & explosion hazards: Protective measures in fire:	None under normal conditions.  No unusual fire or explosion hazards noted.  Use protective equipment appropriate for surrounding materials.  Keep away from heat, hot surfaces, sparks, open flames and other
5.2b 5.2c <b>5.3</b>	Hazardous combustion products: Unusual fire & explosion hazards: Protective measures in fire: Advice for firefighters:	None under normal conditions.  No unusual fire or explosion hazards noted.  Use protective equipment appropriate for surrounding materials.  Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
5.2b 5.2c <b>5.3</b> 5.3a	Hazardous combustion products: Unusual fire & explosion hazards: Protective measures in fire: Advice for firefighters:  Special firefighting procedures:	None under normal conditions.  No unusual fire or explosion hazards noted.  Use protective equipment appropriate for surrounding materials.  Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  No specific firefighting procedure given.
5.2b 5.2c <b>5.3</b>	Hazardous combustion products: Unusual fire & explosion hazards: Protective measures in fire: Advice for firefighters:  Special firefighting procedures: Special protective equipment and precautions for	None under normal conditions.  No unusual fire or explosion hazards noted.  Use protective equipment appropriate for surrounding materials.  Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  No specific firefighting procedure given.  Wear full protective clothing, including self-contained breathing
5.2b 5.2c <b>5.3</b> 5.3a	Hazardous combustion products: Unusual fire & explosion hazards: Protective measures in fire: Advice for firefighters:  Special firefighting procedures:	None under normal conditions.  No unusual fire or explosion hazards noted.  Use protective equipment appropriate for surrounding materials.  Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  No specific firefighting procedure given.  Wear full protective clothing, including self-contained breathing apparatus, if necessary. The product presents no special fire hazards
5.2b 5.2c <b>5.3</b> 5.3a	Hazardous combustion products: Unusual fire & explosion hazards: Protective measures in fire: Advice for firefighters:  Special firefighting procedures: Special protective equipment and precautions for	None under normal conditions.  No unusual fire or explosion hazards noted.  Use protective equipment appropriate for surrounding materials.  Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  No specific firefighting procedure given.  Wear full protective clothing, including self-contained breathing apparatus, if necessary. The product presents no special fire hazards in normal use. Keep away from heat, hot surfaces, sparks, open
5.2b 5.2c <b>5.3</b> 5.3a	Hazardous combustion products: Unusual fire & explosion hazards: Protective measures in fire: Advice for firefighters:  Special firefighting procedures: Special protective equipment and precautions for	None under normal conditions.  No unusual fire or explosion hazards noted.  Use protective equipment appropriate for surrounding materials.  Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  No specific firefighting procedure given.  Wear full protective clothing, including self-contained breathing apparatus, if necessary. The product presents no special fire hazards
5.2b 5.2c <b>5.3</b> 5.3a	Hazardous combustion products: Unusual fire & explosion hazards: Protective measures in fire: Advice for firefighters:  Special firefighting procedures: Special protective equipment and precautions for	None under normal conditions.  No unusual fire or explosion hazards noted.  Use protective equipment appropriate for surrounding materials.  Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  No specific firefighting procedure given.  Wear full protective clothing, including self-contained breathing apparatus, if necessary. The product presents no special fire hazards in normal use. Keep away from heat, hot surfaces, sparks, open
5.2b 5.2c <b>5.3</b> 5.3a 5.3b	Hazardous combustion products: Unusual fire & explosion hazards: Protective measures in fire: Advice for firefighters:  Special firefighting procedures: Special protective equipment and precautions for	None under normal conditions.  No unusual fire or explosion hazards noted.  Use protective equipment appropriate for surrounding materials.  Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  No specific firefighting procedure given.  Wear full protective clothing, including self-contained breathing apparatus, if necessary. The product presents no special fire hazards in normal use. Keep away from heat, hot surfaces, sparks, open
5.2b 5.2c 5.3 5.3a 5.3b	Hazardous combustion products: Unusual fire & explosion hazards: Protective measures in fire: Advice for firefighters:  Special firefighting procedures: Special protective equipment and precautions for firefighters:  n 6: Accidental release measures	None under normal conditions.  No unusual fire or explosion hazards noted.  Use protective equipment appropriate for surrounding materials.  Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  No specific firefighting procedure given.  Wear full protective clothing, including self-contained breathing apparatus, if necessary. The product presents no special fire hazards in normal use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
5.2b 5.2c <b>5.3</b> 5.3a 5.3b	Hazardous combustion products: Unusual fire & explosion hazards: Protective measures in fire: Advice for firefighters:  Special firefighting procedures: Special protective equipment and precautions for firefighters:  n 6: Accidental release measures Personal precautions, protective equipment, and	None under normal conditions.  No unusual fire or explosion hazards noted.  Use protective equipment appropriate for surrounding materials.  Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  No specific firefighting procedure given.  Wear full protective clothing, including self-contained breathing apparatus, if necessary. The product presents no special fire hazards in normal use. Keep away from heat, hot surfaces, sparks, open
5.2b 5.2c 5.3 5.3a 5.3b	Hazardous combustion products: Unusual fire & explosion hazards: Protective measures in fire: Advice for firefighters:  Special firefighting procedures: Special protective equipment and precautions for firefighters:  n 6: Accidental release measures Personal precautions, protective equipment, and emergency procedures:	None under normal conditions.  No unusual fire or explosion hazards noted.  Use protective equipment appropriate for surrounding materials.  Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  No specific firefighting procedure given.  Wear full protective clothing, including self-contained breathing apparatus, if necessary. The product presents no special fire hazards in normal use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  Use protective equipment appropriate for surrounding materials.
5.2b 5.2c 5.3 5.3a 5.3b	Hazardous combustion products: Unusual fire & explosion hazards: Protective measures in fire: Advice for firefighters:  Special firefighting procedures: Special protective equipment and precautions for firefighters:  n 6: Accidental release measures Personal precautions, protective equipment, and	None under normal conditions.  No unusual fire or explosion hazards noted.  Use protective equipment appropriate for surrounding materials.  Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  No specific firefighting procedure given.  Wear full protective clothing, including self-contained breathing apparatus, if necessary. The product presents no special fire hazards in normal use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  Use protective equipment appropriate for surrounding materials.  No specific emergency measures are required other than good
5.2b 5.2c 5.3 5.3a 5.3b	Hazardous combustion products: Unusual fire & explosion hazards: Protective measures in fire: Advice for firefighters:  Special firefighting procedures: Special protective equipment and precautions for firefighters:  n 6: Accidental release measures Personal precautions, protective equipment, and emergency procedures:	None under normal conditions.  No unusual fire or explosion hazards noted.  Use protective equipment appropriate for surrounding materials.  Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  No specific firefighting procedure given.  Wear full protective clothing, including self-contained breathing apparatus, if necessary. The product presents no special fire hazards in normal use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  Use protective equipment appropriate for surrounding materials.
5.2b 5.2c 5.3 5.3a 5.3b	Hazardous combustion products: Unusual fire & explosion hazards: Protective measures in fire: Advice for firefighters:  Special firefighting procedures: Special protective equipment and precautions for firefighters:  n 6: Accidental release measures Personal precautions, protective equipment, and emergency procedures:	None under normal conditions.  No unusual fire or explosion hazards noted.  Use protective equipment appropriate for surrounding materials.  Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  No specific firefighting procedure given.  Wear full protective clothing, including self-contained breathing apparatus, if necessary. The product presents no special fire hazards in normal use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  Use protective equipment appropriate for surrounding materials.  No specific emergency measures are required other than good laboratory hygiene and safety practices for small spills. Wear suitable
5.2b 5.2c 5.3 5.3a 5.3b	Hazardous combustion products: Unusual fire & explosion hazards: Protective measures in fire: Advice for firefighters:  Special firefighting procedures: Special protective equipment and precautions for firefighters:  n 6: Accidental release measures Personal precautions, protective equipment, and emergency procedures:	None under normal conditions.  No unusual fire or explosion hazards noted.  Use protective equipment appropriate for surrounding materials.  Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  No specific firefighting procedure given.  Wear full protective clothing, including self-contained breathing apparatus, if necessary. The product presents no special fire hazards in normal use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  Use protective equipment appropriate for surrounding materials.  No specific emergency measures are required other than good laboratory hygiene and safety practices for small spills. Wear suitable protective clothing, gloves and eye or face protection. Consult
5.2b 5.2c 5.3 5.3a 5.3b Sectio 6.1	Hazardous combustion products: Unusual fire & explosion hazards: Protective measures in fire: Advice for firefighters:  Special firefighting procedures: Special protective equipment and precautions for firefighters:  n 6: Accidental release measures Personal precautions, protective equipment, and emergency procedures: General release measures:	None under normal conditions.  No unusual fire or explosion hazards noted.  Use protective equipment appropriate for surrounding materials.  Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  No specific firefighting procedure given.  Wear full protective clothing, including self-contained breathing apparatus, if necessary. The product presents no special fire hazards in normal use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  Use protective equipment appropriate for surrounding materials.  No specific emergency measures are required other than good laboratory hygiene and safety practices for small spills. Wear suitable protective clothing, gloves and eye or face protection. Consult professional emergency personnel if concerned (see Section 8).
5.2b 5.2c 5.3 5.3a 5.3b	Hazardous combustion products: Unusual fire & explosion hazards: Protective measures in fire: Advice for firefighters:  Special firefighting procedures: Special protective equipment and precautions for firefighters:  n 6: Accidental release measures Personal precautions, protective equipment, and emergency procedures: General release measures:  Advice for non-emergency personnel; personal	None under normal conditions.  No unusual fire or explosion hazards noted.  Use protective equipment appropriate for surrounding materials.  Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  No specific firefighting procedure given.  Wear full protective clothing, including self-contained breathing apparatus, if necessary. The product presents no special fire hazards in normal use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  Use protective equipment appropriate for surrounding materials.  No specific emergency measures are required other than good laboratory hygiene and safety practices for small spills. Wear suitable protective clothing, gloves and eye or face protection. Consult professional emergency personnel if concerned (see Section 8).  No specific emergency measures are required other than good
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10X Apoptosis Wash Buffer SDS; Doc# F17-535-2-C; Effective: 5/19/17; Supersedes: F17-535-2-B; Page 3 of 6 Section 13). Wash spill area thoroughly with plenty of soap and water. Avoid contact with skin or inhalation of spillage, dust, or vapour. 6.4 Refer to Sections 8 and 13 for additional information. Reference to other sections: Section 7: Handling and storage Precautions for safe handling: Do not handle until all safety precautions have been read and 7.1 understood. Avoid creation of aerosol/mist/dust. Avoid inhalation of vapors/mist/dust. Prevent contact with skin and eyes. Use appropriate personal protection equipment (PPE). Thoroughly wash hands and contaminated areas with water and soap before leaving the work site. Keep away from sources of ignition. 7.1a Avoid contact with halogenated hydrocarbons, strong acids, strong Prevent handling of incompatible substances or mixtures: oxidizers, and metals. 7.1b Advice on general occupational hygiene: Do not eat, drink, or smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas. Good personal hygiene is necessary. Follow good laboratory hygiene and safety practices. 7.2 Conditions for safe storage, including any Store in cool place. Keep container tightly closed in a dry and wellincompatibilities: ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Avoid spills and release into the environment; keep away from watercourses. Specific end use(s): 7.3 For research use only. Not for use in diagnostic procedures. Section 8: Exposure controls/personal protection Control parameters: 8.1 8.1a Occupational exposure limits, such as chemical Not available. identity, standard, TWA-8 hours (time weighted average), STEL-15 minutes (short term exposure limit), etc.: WEL = Workplace Exposure Limit. Sk = can be absorbed through skin. 8.1b Appropriate engineering controls: 8.1c Individual protection measures, such as personal Wear gloves. Wear protective goggles. protective equipment: 8.1d Safety symbols: 8.2 **Exposure controls:** 8.2a Process conditions: Provide eyewash station. 8.2b Engineering controls: Ensure that eyewash stations and safety showers are proximal to the workstation location. 8.2c Ventilation controls: Provide adequate ventilation. 8.2d Reference to other sections: Refer to Section 5 for additional information. Eye/face protection: Wear approved chemical safety goggles where eye exposure is 8.2e reasonably probable or face shield if risk of splashing. 8.2f Skin protection: Wear apron or protective clothing in case of contact. Use suitable protective gloves if risk of skin contact. 8.2g Hand protection: 8.2h Respiratory equipment: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Wear appropriate clothing to avoid skin contact. 8.2i Other protection: 8.2j DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift Hygiene measures: and before eating, smoking, and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink, or smoke. Wash promptly with soap and water if skin becomes contaminated 8.2k Thermal hazards: None known under normal conditions of use. 8.21 Environmental exposure controls: Not determined.

Section	Section 9: Physical and chemical properties		
9.1	Information on basic physical and chemical properties:		
9.1a	Appearance (physical state, color, etc.):	Liquid; colorless.	
9.1b	Odor:	No characteristic odor.	
9.1c	Odor threshold:	Not determined.	

10X Apoptosis Wash Buffer SDS; Doc# F17-535-2-C; Effective: 5/19/17; Supersedes: F17-535-2-B; Page 4 of 6

Section 12.1	12: Ecological information  Toxicity:	
0	40. Facilities information	
11.100	Other information.	NOTIC.
11.1Z 11.1ab	Classification by OSHA 13: Other information:	Not classified.  None.
11.1z	on Cancer (IARC):	Not classified.
11.1y	Classification by International Agency for Research	Not classified.
11.1x	Classification by National Toxicity Program (NTP):	Not classified.
11.1w	Mixture vs. substance information:	See Section 3 for any substances in the mixture.
11.1v	Mixtures:	Item is a mixture.
11.1t 11.1u	Absence of specific data:	Not determined.  Not applicable.
11.1t	toxicity estimates): Interactive effects:	Not determined.
11.1s	Numerical measures of toxicity (such as acute	Not determined.
	effects from short and long term exposure:	The determined.
11.1r	toxicological characteristics:  Delayed and immediate effects as well as chronic	Not determined.
11.1q	Symptoms related to the physical, chemical and	No specific symptoms noted.
11.1p	Eye contact:	Spray and vapor in the eyes may cause irritation and smarting.
11.10	Skin contact:	Liquid may irritate skin and cause redness.
		system and cause coughing.
11.1m	Inhalation:	In high concentrations, vapors may irritate throat and respiratory
11.1m	(inhalation, ingestion, skin and eye contact): Ingestion:	May cause discomfort if swallowed.
11.11	Information on the likely routes of exposure	May enter by skin and/or eye contact; inhalation of vapors/mist/dust.
11.1k	Aspiration hazard:	Not determined.
11.1j	STOT-repeated exposure:	Not determined.
11.1i	STOT-single exposure:	Not determined.
11.1g 11.1h	Reproductive toxicity:	Not determined.
11.1f 11.1g	Germ cell mutagenicity: Carcinogenicity:	Not determined.  Not determined.
11.1e 11.1f	Respiratory or skin sensitization:	Not determined.
11.1d	Serious eye damage/irritation:	Not determined.
11.1c	Skin corrosion/irritation:	Not determined.
11.1b	Acute toxicity:	Not determined.
11.1a	Name:	10X Apoptosis Wash Buffer
11.1	Information on toxicological effects:	
Section	11: Toxicological information	
10.6	Hazardous decomposition products:	None under normal conditions.
	•	oxidizers, and metals.
10.5	Incompatible materials:	Avoid contact with halogenated hydrocarbons, strong acids, strong
. 51-7	Consideration to dividing	direct sunlight or light.
10.4	Conditions to avoid:	To avoid product degradation, avoid exposure to high temperatures or
10.2	Possibility of hazardous reactions:	Hazardous polymerization: will not polymerize.
10.1 10.2	Reactivity: Chemical stability:	No data available. Stable under normal temperature conditions.
	10: Stability and reactivity	No data available
9.2a	Other physical or chemical parameters:	None.
9.2	Other information:	None.
9.1t	Oxidizing properties:	Not determined.
9.1s	Explosive properties:	Not determined.
9.1q 9.1r	Decomposition temperature (°C):  Viscosity:	Not determined.  Not determined.
9.1p	Auto-ignition temperature (°C):	Not determined.
9.10	Partition coefficient (N-octanol/water):	Not determined.
9.1n	Solubility(ies):	Soluble in water.
9.1m	Relative density:	Not determined.
9.11	Vapor density (Air =1):	Not determined.
9.1j 9.1k	Vapor pressure:	Not determined.
9.1i 9.1j	Upper/lower flammability or explosive limits:	Not applicable.
9.1n 9.1i	Evaporation rate:  Flammability (solid, gas):	Not determined.  Not applicable.
9.1g 9.1h	Flash point (°C): Evaporation rate:	Not applicable.  Not determined.
9.1f	Initial boiling point and boiling range:	<100°C @ 760 mm Hg.
9.1e	Melting point/freezing point (°C):	Not determined.
9.1d	pH:	6.7-7.1
	10X Apoptosis Wash Buffer SDS; Doc# F17-535-2-	C, Effective. 3/19/17, Supersedes. F17-333-2-B, Page 4 01 0

	10X Apoptosis Wash Buffer SDS; Doc# F17-535-2-0	C; Effective: 5/19/17; Supersedes: F17-535-2-B; Page 5 of 6
12.1a	Name:	10X Apoptosis Wash Buffer.
12.1b	Ecotoxicity (aquatic and terrestrial, where available):	No data available.
12.2	Persistence and degradability:	There are no data on the degradability of this product.
12.3	Bioaccumulative potential:	No data available on bioaccumulation.
12.4	Mobility in soil:	The product is soluble in water.
12.5	Results of PBT and vPvB assessment:	Not determined.
12.6	Other adverse effects:	The product contains a substance (sodium azide ≤0.1%) that may cause long term adverse effects in the aquatic environment. However, at the concentrations present, this product does not need to be classified as hazardous for the environment, and the effects are not expected to be significant.
Section	n 13: Disposal considerations	
13.1	Waste treatment methods:	When handling waste, conisderation should be made to the safety
	Tradio il dallioni mollionol	precautions applying to handling of the product.
13.1a	Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:	Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.
Section	n 14: Transport information	
14.1	UN number:	Not applicable.
14.2	UN proper shipping name:	Not applicable.
14.3	Transport hazard class(es):	Not applicable.
14.4	Packing group:	Not applicable.
14.5	Environmental hazards:	The product contains a substance (sodium azide ≤0.1%) that may
		cause long term adverse effects in the aquatic environment. However, at the concentrations present, this product does not need to be classified as hazardous for the environment, and the effects are not expected to be significant.
14.5a	Is it environmentally dangerous according to UN Model Regulations (IMDG Code, ADR, RID, and ADN)?:	No.
14.5b	Is it a marine pollutant according to the IMDG code?:	No.
14.6	Special precautions for user:	None known.
14.6	Special precautions for user: Transport in bulk according to Annex II of MARPOL and the IBC code:	None known.  Not applicable.
	Transport in bulk according to Annex II of MARPOL and the IBC code:  Other information:	Not applicable.  The product is not considered a dangerous good for transport.
14.7	Transport in bulk according to Annex II of MARPOL and the IBC code:	Not applicable.
14.7a 14.7b	Transport in bulk according to Annex II of MARPOL and the IBC code: Other information: Classification for other modes of transport:	Not applicable.  The product is not considered a dangerous good for transport.
14.7a 14.7b Section	Transport in bulk according to Annex II of MARPOL and the IBC code: Other information: Classification for other modes of transport:	Not applicable.  The product is not considered a dangerous good for transport.
14.7a 14.7b	Transport in bulk according to Annex II of MARPOL and the IBC code: Other information: Classification for other modes of transport:	Not applicable.  The product is not considered a dangerous good for transport.
14.7a 14.7b Section	Transport in bulk according to Annex II of MARPOL and the IBC code: Other information: Classification for other modes of transport:  15: Regulatory information Safety, health and environmental regulations/legislation specific for the substance or mixture: Regional safety, health and environmental	Not applicable.  The product is not considered a dangerous good for transport.
14.7a 14.7b Section 15.1	Transport in bulk according to Annex II of MARPOL and the IBC code:  Other information: Classification for other modes of transport:  15: Regulatory information Safety, health and environmental regulations/legislation specific for the substance or mixture: Regional safety, health and environmental regulations specific for the product in question:	Not applicable.  The product is not considered a dangerous good for transport.  Contact supplier.  .
14.7a 14.7b Section 15.1 15.1a	Transport in bulk according to Annex II of MARPOL and the IBC code:  Other information: Classification for other modes of transport:  15: Regulatory information Safety, health and environmental regulations/legislation specific for the substance or mixture: Regional safety, health and environmental regulations specific for the product in question: USA SARA Components (such as 302/311/313):	Not applicable.  The product is not considered a dangerous good for transport.  Contact supplier.  .  Sodium azide (CAS # 26628-22-8) is listed under 302, 304, 313.
14.7a 14.7b Section 15.1 15.1a 15.1b 15.1c	Transport in bulk according to Annex II of MARPOL and the IBC code:  Other information: Classification for other modes of transport:  15: Regulatory information Safety, health and environmental regulations/legislation specific for the substance or mixture: Regional safety, health and environmental regulations specific for the product in question: USA SARA Components (such as 302/311/313): USA Massachusetts Right to Know:	Not applicable.  The product is not considered a dangerous good for transport.  Contact supplier.  .  Sodium azide (CAS # 26628-22-8) is listed under 302, 304, 313.  Sodium azide (CAS # 26628-22-8) is listed.
14.7a 14.7b Section 15.1 15.1a 15.1b 15.1c 15.1d	Transport in bulk according to Annex II of MARPOL and the IBC code:  Other information: Classification for other modes of transport:  15: Regulatory information Safety, health and environmental regulations/legislation specific for the substance or mixture: Regional safety, health and environmental regulations specific for the product in question: USA SARA Components (such as 302/311/313): USA Massachusetts Right to Know: USA Pennsylvania Right to Know:	Not applicable.  The product is not considered a dangerous good for transport.  Contact supplier.  .  Sodium azide (CAS # 26628-22-8) is listed under 302, 304, 313.  Sodium azide (CAS # 26628-22-8) is listed.  Sodium azide (CAS # 26628-22-8) is listed.
14.7a 14.7b Section 15.1 15.1a 15.1b 15.1c 15.1d 15.1e	Transport in bulk according to Annex II of MARPOL and the IBC code:  Other information: Classification for other modes of transport:  15: Regulatory information Safety, health and environmental regulations/legislation specific for the substance or mixture: Regional safety, health and environmental regulations specific for the product in question: USA SARA Components (such as 302/311/313): USA Massachusetts Right to Know: USA Pennsylvania Right to Know:	Not applicable.  The product is not considered a dangerous good for transport.  Contact supplier.  Sodium azide (CAS # 26628-22-8) is listed under 302, 304, 313.  Sodium azide (CAS # 26628-22-8) is listed.
14.7a 14.7b Section 15.1 15.1a 15.1b 15.1c 15.1d 15.1e 15.1f	Transport in bulk according to Annex II of MARPOL and the IBC code:  Other information: Classification for other modes of transport:  15: Regulatory information Safety, health and environmental regulations/legislation specific for the substance or mixture: Regional safety, health and environmental regulations specific for the product in question: USA SARA Components (such as 302/311/313): USA Massachusetts Right to Know: USA Pennsylvania Right to Know: USA New Jersey Right to Know: USA California Prop. 65 Components:	Not applicable.  The product is not considered a dangerous good for transport.  Contact supplier.  .  Sodium azide (CAS # 26628-22-8) is listed under 302, 304, 313.  Sodium azide (CAS # 26628-22-8) is listed.  Sodium azide (CAS # 26628-22-8) is listed.
14.7a 14.7b Section 15.1 15.1a 15.1b 15.1c 15.1d 15.1e 15.1f 15.1g	Transport in bulk according to Annex II of MARPOL and the IBC code:  Other information: Classification for other modes of transport:  15: Regulatory information Safety, health and environmental regulations/legislation specific for the substance or mixture: Regional safety, health and environmental regulations specific for the product in question: USA SARA Components (such as 302/311/313): USA Massachusetts Right to Know: USA Pennsylvania Right to Know: USA New Jersey Right to Know: USA California Prop. 65 Components: EU Regulation 1907/2006 {REACH}:	Not applicable.  The product is not considered a dangerous good for transport.  Contact supplier.  Sodium azide (CAS # 26628-22-8) is listed under 302, 304, 313.  Sodium azide (CAS # 26628-22-8) is listed.  Sodium azide (CAS # 26628-22-8) is listed.  Sodium azide (CAS # 26628-22-8) is listed.  Not listed.
14.7a 14.7b Section 15.1 15.1a 15.1b 15.1c 15.1d 15.1e 15.1f 15.1g 15.1h	Transport in bulk according to Annex II of MARPOL and the IBC code:  Other information: Classification for other modes of transport:  15: Regulatory information Safety, health and environmental regulations/legislation specific for the substance or mixture: Regional safety, health and environmental regulations specific for the product in question: USA SARA Components (such as 302/311/313): USA Massachusetts Right to Know: USA Pennsylvania Right to Know: USA New Jersey Right to Know: USA California Prop. 65 Components: EU Regulation 1907/2006 {REACH}: Annex XIV substances subject to authorization:	Not applicable.  The product is not considered a dangerous good for transport.  Contact supplier.  Sodium azide (CAS # 26628-22-8) is listed under 302, 304, 313.  Sodium azide (CAS # 26628-22-8) is listed.  Sodium azide (CAS # 26628-22-8) is listed.  Sodium azide (CAS # 26628-22-8) is listed.  Not listed.  Not listed.
14.7a 14.7b  Section 15.1  15.1a  15.1b 15.1c 15.1d 15.1e 15.1f 15.1g 15.1h 15.1i 15.1j	Transport in bulk according to Annex II of MARPOL and the IBC code:  Other information: Classification for other modes of transport:  15: Regulatory information Safety, health and environmental regulations/legislation specific for the substance or mixture: Regional safety, health and environmental regulations specific for the product in question: USA SARA Components (such as 302/311/313): USA Massachusetts Right to Know: USA Pennsylvania Right to Know: USA New Jersey Right to Know: USA California Prop. 65 Components: EU Regulation 1907/2006 {REACH}: Annex XIV substances subject to authorization: Substances of very high concern: Approved code of practice:	Not applicable.  The product is not considered a dangerous good for transport.  Contact supplier.  Sodium azide (CAS # 26628-22-8) is listed under 302, 304, 313.  Sodium azide (CAS # 26628-22-8) is listed.  Not listed.  Not listed.  Not listed.  Classification and labeling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.
14.7a 14.7b  Section 15.1  15.1a  15.1b 15.1c 15.1d 15.1e 15.1f 15.1f 15.1j 15.1h 15.1i 15.1i 15.1i	Transport in bulk according to Annex II of MARPOL and the IBC code:  Other information: Classification for other modes of transport:  15: Regulatory information Safety, health and environmental regulations/legislation specific for the substance or mixture: Regional safety, health and environmental regulations specific for the product in question: USA SARA Components (such as 302/311/313): USA Massachusetts Right to Know: USA Pennsylvania Right to Know: USA New Jersey Right to Know: USA California Prop. 65 Components: EU Regulation 1907/2006 {REACH}: Annex XIV substances subject to authorization: Substances of very high concern: Approved code of practice:  Guidance notes: EU legislation references:	Not applicable.  The product is not considered a dangerous good for transport.  Contact supplier.  Sodium azide (CAS # 26628-22-8) is listed under 302, 304, 313.  Sodium azide (CAS # 26628-22-8) is listed.  Not listed.  Not listed.  Not listed.  Not listed.  Not listed.  Classification and labeling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.  Workplace exposure limits EH40.  (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures {CLP Regulation}. EC 830/2015. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.
14.7a 14.7b  Section 15.1  15.1a  15.1b 15.1c 15.1d 15.1e 15.1f 15.1f 15.1j 15.1k 15.1i 15.1s 15.1k	Transport in bulk according to Annex II of MARPOL and the IBC code:  Other information: Classification for other modes of transport:  15: Regulatory information Safety, health and environmental regulations/legislation specific for the substance or mixture: Regional safety, health and environmental regulations specific for the product in question: USA SARA Components (such as 302/311/313): USA Massachusetts Right to Know: USA Pennsylvania Right to Know: USA New Jersey Right to Know: USA California Prop. 65 Components: EU Regulation 1907/2006 {REACH}: Annex XIV substances subject to authorization: Substances of very high concern: Approved code of practice:  Guidance notes: EU legislation references:	Not applicable.  The product is not considered a dangerous good for transport.  Contact supplier.  Sodium azide (CAS # 26628-22-8) is listed under 302, 304, 313.  Sodium azide (CAS # 26628-22-8) is listed.  Not listed.  Not listed.  Not listed.  Not listed.  Classification and labeling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.  Workplace exposure limits EH40.  (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures {CLP Regulation}. EC 830/2015. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and
14.7a 14.7b  Section 15.1  15.1a  15.1b 15.1c 15.1d 15.1e 15.1f 15.1f 15.1j 15.1h 15.1i 15.1i 15.1i	Transport in bulk according to Annex II of MARPOL and the IBC code:  Other information: Classification for other modes of transport:  15: Regulatory information Safety, health and environmental regulations/legislation specific for the substance or mixture: Regional safety, health and environmental regulations specific for the product in question: USA SARA Components (such as 302/311/313): USA Massachusetts Right to Know: USA Pennsylvania Right to Know: USA New Jersey Right to Know: USA California Prop. 65 Components: EU Regulation 1907/2006 {REACH}: Annex XIV substances subject to authorization: Substances of very high concern: Approved code of practice:  Guidance notes: EU legislation references:	Not applicable.  The product is not considered a dangerous good for transport.  Contact supplier.  Sodium azide (CAS # 26628-22-8) is listed under 302, 304, 313.  Sodium azide (CAS # 26628-22-8) is listed.  Not listed.  Not listed.  Not listed.  Not listed.  Classification and labeling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.  Workplace exposure limits EH40.  (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures {CLP Regulation}. EC 830/2015. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

#### 10X Apoptosis Wash Buffer SDS; Doc# F17-535-2-C; Effective: 5/19/17; Supersedes: F17-535-2-B; Page 6 of 6

Section	n 16: Other information	C; Effective: 5/19/17; Supersedes: F17-535-2-B; Page 6 of 6
16.1	Other information:	
16.1a	Date of revision:	19-May-2017
16.1b	SDS number and revision:	F17-535-2-C
16.1c	Supersedes SDS number and revision:	F17-535-2-B
16.1d 16.1e	Changes made to the previous version of the SDS: Key/legend to abbreviations and acronyms used in the SDS:	Reviewed and updated document control numbers.  ACGIH American Conference of Governmental Industrial Hygienists.  ADN European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway.  ADR The European Agreement concerning the International Carriage of Dangerous Goods by Road.  ATE Acute Toxicity Estimate.  BCF Bio Concentration Factor.  CAS Chemical Abstracts Service.  CLP Classification, Labelling and Packaging.  CMR Carcinogen, Mutagen or Reproductive toxicant.  COD Chemical Oxygen Demand.  EC European Commission.  EC50 Half maximal effective concentration.  EH40 Resource containing the list of workplace exposure limits for use with the Control of Substances Hazardous to Health Regulations.  EINECS European Inventory of Existing Commercial chemical Substances.  ELINCS European List of Notified Chemical Substances.  ELINCS European List of Notified Chemical Substances.  EU European Union.  GHS Globally Harmonized System of Classification and Labelling of Chemicals.  H Statement GHS Hazard statement.  IATA International Air Transport Association.  IBC Intermediate Bulk Container.  IC50 Half maximal inhibitory concentration.  IMDG International Maritime Dangerous Goods.  LC50 Median lethal concentration.  LD50 Median lethal dose.  LogPow logarithm of the octanol/water partition coefficient.  MARPOL 73/78 International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.  OEL Occupational Exposure Limit.  OSHA Occupational Safety and Health Administration (USA).  PBT Persistent, Bioaccumulative, and Toxic.  PEL Permissible Exposure Limit.  RID The Regulations concerning the International Carriage of Dangerous Goods by Rail.  SADT Self-Accelerating Decomposition Temperature.  SARA Superfund Amendments and Reauthorization Act.  SCBA Self-Contained Breathing Apparatus.  SDS Safety Data Sheet.  STOT-Specific Target Organ Toxicity - Repeated Exposure.  UN United Nations.  UN United Nations.
		vPvB very Persistent very bioaccumulative.
16.1f	Full text of hazard statements and/or precautionary	All statements were written out in full.
10.11	statements not written out in full elsewhere:	7 in statements were written out in full.
DICC		
DISCLA	AIMER: This information relates only to the speci	fic material designated and may not be valid for such material used

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

**END OF SDS** 



### SAFETY DATA SHEET (SDS) according to Regulation (EC) No. 830/2015 amending 1907/2006

1.1	on 1: Identification of the substance/mixture and of the co Product identifier:		Fixative	
1.1a	Other means of identification:			
1.1b	Alternative product name(s)/ synonyms:		Fixative, Fix	
1.1c	Product number/Catalog #(s): Internal identification:		536, 636	
1.1d			Fixative, Fix	
1.2	Relevant identified uses of the substance or mixture and uses advised against:		For research use only. Not for use in diagnostic procedures.	
1.2a	Brief description of what the substance or mixture is intended to do:  Details of the supplier of the SDS:  Name:		Laboratory reagent to preserve cells.	
<b>1.3</b> 1.3a			. ImmunoChemistry Technologies, LLC (ICT)	
1.3b	Address:		9401 James Avenue South, Suite 155	
1.3c	City, State, Zip, Country		Bloomington, MN 55431-2500 USA	
1.3d	Phone number:		1-800-829-3194 and 952-888-8788 952-888-8988 www.immunochemistry.com	
1.3e	Fax number:			
1.3f	Website:			
1.3g	Email:		help@immunochemistry.com	
1.3h	Contact person at ICT:		Quality Documentation Department	
1.4	Emergency telephone number:		ICT: 1-800-829-3194 (USA & Canada) or 952-888-8788 world wide; ICT hours are 9 am-5 pm central time USA, Monday through Friday (excluding holidays). Chemtrec 24-hour access within USA and Canada: 1-800-424-9300 or +1 703-527-3887. Collect calls accepted.	
Sectio	on 2: Hazards identification			
2.1	Classification of the substance or			
	mixture:			
2.1a 2.1b	Product is a: Classification according to (EC) No.	Mixture.	Liquids, (Category 4) (USA Only).	
	H312 Acute H315 Skin I H319 Eye II H317 Skin s H341 Germ H350 Carci H371 Speci		toxicity, Oral (Category 4). toxicity, Dermal (Category 4). ritation, (Category 2). ritation, (Category 2). ensitisation (Category 1). cell mutagenicity (Category 2). iogenicity (Category 1B). ic Target Organ Toxicity - Single Exposure (Category 2). ic Target Organ Toxicity - Single Exposure (Category 3) - Respiratory Tract.	
2.1c	The most important adverse physiochemical, human health, and environmental effects:  Direct conta Sections 4, 9		ct with liquid may cause immediate harm to skin, mouth, and eyes. Refer to 9-12.	
2.2	Label elements:			
2.2a	GHS label elements, including precautionary statements:			
2.2b	Contains:	Formaldehyd	naldehyde <10%; and Methanol <5%.	
2.2c	Labeling in accordance with (EC) No. 1272/2008:			
2.2d	Hazard Pictograms (Hazard Symbols):	GHS07 Excl	amation mark. GHS08 Health hazard.	
2.2e	Signal word:	Danger.		
2.2f	Hazard statements:	H227 Combustible liquids. H302 Harmful if swallowed. H312 Harmful if in contact with skin. H319 Causes serious eye irritation. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H350 May cause cancer. H341 Suspected of causing genetic defects.		
2.2g	Precautionary statements:	H371 May cause damage to organs. H335 May cause respiratory irritation.  P201 Obtain special instructions before use. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth.		

Fixative SDS; Doc#F17-536-2-D; Effective: 5/12/17; Supersedes: F17-536-2-C; Page 2 of 8

	Fixative SL	15; DOC#F 17-53			es: F17-536-2-C; Page 2 of 8 erned: Get medical advice/ attention.	
					ash occurs: Get medical advice/ attention.	
2.2h	Supplementary precaution s	tatements:		t eat, drink or smoke when using this product.		
	Cappionientally procaution of	idiomonio.		breathing mist/vapors		
				Contaminated work clothing should not be allowed out of the workplace.		
	P312 Call a P321 Specif P322 Specif P330 Rinse P362 Take o P363 Wash			a poison center or doctor if you feel unwell.		
				ic treatment (see on t		
				ic measures (see on t	this label).	
				mouth.	•	
				off contaminated cloth		
				contaminated clothing	g before reuse.	
					ners in accordance with local regulations.	
				2 If on skin: Wash with plenty of soap and water.		
				If inhaled: Remove victim to fresh air and keep at rest in a position		
	comfortable					
					se cautiously with water for several minutes. Remove	
2.2	Other hererde.		contact lense		sy to do. Continue rinsing.	
<b>2.3</b> 2.3a	Other hazards:  Does the chemical meet the criteria for PBT or vPvB?		No additional information available.			
2.3b	Other hazards which do not			Not applicable.  Not known.		
2.30	Other hazards which do not	result iii ciassiii	callon.	NOU KHOWH.		
Section	n 3: Composition/informatio	n on ingredien	nte			
3.1	Substance:	on myrealer		Item is a mixture th	nerefore Section 3.1 is not applicable; see Section 3.2.	
3.2	Mixture:			Item is a mixture.	istation of the deprivation, does decition of the	
	The chemical identity and co	ncentration or o	concentration	is is a minute of		
	ranges of all ingredients whi					
	present above their cut-off le	evels:				
	3.2a Chemical identity:			Formaldehyde		
	3.2b Common name, synony	/ms, etc.:		CH <sub>2</sub> O; Index# 605-	-001-00-5	
	3.2c CAS number and			3.2e %	3.2f Classification according to (EC) No. 1272/2008	
	other unique identifiers:	3.2d EC		Concentration:	<u>{CLP}:</u>	
	50-00-0	200-0	001-8	<10%	H301 Toxic if swallowed. H311 Toxic in contact with	
					skin. H331 Toxic if inhaled. Acute Tox. 3.	
					H314 Causes severe skin burns and eye damage.	
					Skin Corr. 1B.	
					H318 Causes serious eye damage. Eye Dam. 1.	
					H317 May cause an allergic skin reaction. Skin Sens.	
					1.	
					H341 Suspected of causing genetic defects. Muta. 2.	
					H350 May cause cancer. Carc. 1B. H335 May cause respiratory irritation. STOT SE 3.	
					H333 May Cause respiratory irritation. 3101 3E 3.	
3.2g	Other ingredient:					
0.29	3.2h Chemical identity:			Methanol		
	3.2i Common name, synony	ms. etc.:		CH <sub>4</sub> O: Index # 603	3-001-00-X	
	3.2j CAS number and	, , , , , , , , , , , , , , , , , , , ,		3.21 %	3.2m Classification according to (EC) No. 1272/2008	
	other unique identifiers:	3.2k EC	number:	Concentration:	{CLP}:	
	67-56-1	200-6		<5%	H225 Highly flammable liquid and vapor. Flam. Liq. 2.	
					H301 Toxic if swallowed. H311 Toxic in contact with	
					skin. H331 Toxic if inhaled. Acute Tox. 3.	
					H370 Causes damage to organs. STOT SE 1.	
	n 4: First aid measures					
4.1	Description of first aid me	asures:			sician and provide SDS information. If exposed or	
					dical attention/advice. Wash contaminated clothing	
					er give anything to an unconscious person. First aid	
					wear gloves/skin protection to avoid contact with	
4.4	lab platica			product.	in and leave at most in a construction of the	
4.1a	Inhalation:				ir and keep at rest in a comfortable position for	
					eathing, give artificial respiration. Rinse nose and mouth	
1 11-	Ckin contact:			with water. Get me		
4.1b	Skin contact:				clothing/shoes and immediately wash all exposed skin	
				hospital. Get medic	er for at least 15 minutes. Take victim immediately to	
4.1c	Eye contact:				ion immediately. Promptly wash eyes with plenty of	
4.10	Lye contact.				he eyelids. Make sure to remove any contact lenses	
					re rinsing. Continue to rinse for at least 15 minutes.	
4.1d	Ingestion:				ion immediately and if any discomfort continues. NEVER	
IU	mgesuon.				ISCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse	
					Do not induce vomiting without advice from poison	
					pedical professional.	
4.2	Most important symptoms	and effects, h	oth acute		ons 2 and 11 for most important known symptoms and	
	and delayed:	5.1.0010, 0		effects.	Januar	
F	Inhalation:			May cause respirat	tory irritation.	
4.2a	i iiiiaialioii.					

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4.2b	Skin contact:	Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction.	
4.2c	Eye contact:	Causes serious eye irritation.	
4.2d 4.3	Ingestion: Indication of any immediate medical attention and special treatment needed:	Harmful if swallowed.  Get medical attention immediately.	
4.3a	Notes to physician/first responder:	Treat symptomatically. Refer to Sections 5-8 for advice on personal protective equipment.	
Section	n 5: Firefighting measures		
5.1	Extinguishing media:	Use fire-extinguishing media appropriate for the surrounding materials.	
5.1a	Suitable extinguishing media:	Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.	
5.1b <b>5.2</b>	Unsuitable extinguishing media:  Special hazards arising from the substance or mixture:	None known.	
5.2a	Hazardous combustion products:	None under normal conditions.	
5.2b	Unusual fire & explosion hazards:	No unusual fire or explosion hazards noted.	
5.2c	Protective measures in fire:	Use protective equipment appropriate for surrounding materials. Do not enter fire area without proper protective equipment, including respiratory protection. Wear self-contained breathing apparatus and protective suit (see Section 8).	
5.3	Advice for firefighters:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.	
5.3a	Special firefighting procedures:	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment.	
5.3b	Special protective equipment and precautions for firefighters:	Wear full protective clothing, including self-contained breathing apparatus, if necessary. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.	
Section	n 6: Accidental release measures		
6.1	Personal precautions, protective equipment, and emergency procedures:	Use protective equipment appropriate for surrounding materials and to avoid contamination.	
6.1a	General release measures:	No specific emergency measures are required other than good laboratory hygiene and safety practices for small spills. Wear suitable protective clothing, gloves and eye or face protection to prevent any contamination. Consult professional emergency personnel for large spills.	
6.1b	Advice for non-emergency personnel; personal precautions, protective equipment and emergency procedures:	Wear suitable protective clothing/gloves/eye/face protection to prevent any contamination of skin, eyes, and personal clothing; use an approved supplied-air respirator, in case of emergency (also refer to Section 8). Remove all sources of ignition. Ensure adequate ventilation and control dust/mist. Avoid breathing vapors, mist, or gas. Evacuate personnel to safe areas. Wear suitable protective clothing, gloves and eye or face protection to prevent any contamination. Consult professional emergency personnel for large spills or if concerned.	
6.1c	Advice for emergency responders; personal precautions, protective equipment and emergency procedures:	Wear suitable protective clothing, gloves and eye or face protection to prevent any contamination; use an approved supplied-air respirator, in case of emergency (also refer to Section 8).	
6.2	Environmental precautions:	Do not allow to enter drains, surface, and ground water, sewers, or watercourses.	
6.3	Methods and materials for containment and clean up:	Contain any spills with dikes or absorbent materials to prevent migration and entry into sewers or water sources. Place in a suitable container for disposal in accordance with local waste regulations (see Section 13). Wash spill area thoroughly with plenty of soap and water. Avoid contact with skin or inhalation of spillage, dust, or vapor	
6.4	Reference to other sections:	Refer to Sections 8 and 13 for additional information.	
Section	n 7: Handling and storage		
7.1	Precautions for safe handling:	Do not handle until all safety precautions have been read and understood. Avoid creation of aerosol/mist/dust. Avoid inhalation of vapors/mist/dust. Prevent contact with skin and eyes. Use appropriate personal protection equipment (PPE). Thoroughly wash hands and contaminated areas with water and soap before leaving the work site. Keep away from sources of ignition.	
7.1a	Prevent handling of incompatible substances or mixtures:	Avoid contact with strong acids and strong oxidizing substances.  Incompatible with strong bases, strong acids, strong oxidizing agents, alkali metals, amines, acid chlorides, acid anhydrides, reducing agents, peroxides, isocyanates, phenol, aniline.	
7.1b	Advice on general occupational hygiene:	Do not eat, drink, or smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas. Good personal hygiene is necessary. Follow good laboratory hygiene and safety practices.	
7.2	Conditions for safe storage, including any incompatibilities:	Refer to product label for storage. Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.	

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		Avoid spills and release into the environment; keep away from			
7.3	Specific end use(s):	watercourses.  For research use only. Not for use in diagnostic procedures.			
	- Specime one ass(s).	To recognist and only. Her for add in diagnostic procedures.			
	8: Exposure controls/personal protection				
8.1	Control parameters:	. Mathematic			
8.1a	Occupational exposure limits, such as chemical identity, standard, TWA-8 hours (time weighted average), STEL-15 minutes (short term exposure limit), etc.: WEL = Workplace Exposure Limit. Sk = can be absorbed through skin.	Methanol: EH40 2005 UK Workplace Exposure Limits STEL: 333 mg/m³ 15 minutes STEL: 250 ppm 15 minutes TWA: 266 mg/m³ 8 hours TWA: 200 ppm 8 hours USA ACGIH Threshold Limit Values TWA- 200 ppm 8 hours STEL- 250 ppm 15 minutes STEL- 250 ppm 15 minutes STEL- 328 mg/m³ 15 minutes STEL- 328 mg/m³ 15 minutes US NIOSH Recommended Exposure Limits TWA- 200 ppm 10 hours TWA- 200 ppm 10 hours STEL- 325 mg/m³ 15 minutes STEL- 325 mg/m³ 15 minutes STEL- 30 ppm 8 hours TWA- 200 ppm 8 hours TWA- 200 ppm 8 hours TWA- 200 ppm 8 hours TWA- 260 mg/m³ 8 hours  Formaldehyde EH40 2005 UK Workplace Exposure Limits STEL: 2.5 mg/m³ 15 minutes STEL: 2.5 ppm 8 hours TWA: 2.5 mg/m³ 8 hours USA ACGIH Threshold Limit Values C: 0.300000 ppm OSHA PEL Subpart Z Standard - OSHA Specifically Regulated Chemicals/Carcinogens TWA 0.750000 ppm 8 hours STEL - 2.000000 ppm 15 minutes US NIOSH Recommended Exposure Limits TWA: 0.016000 ppm 10 hours CEIL - 0.100000 ppm 15 minutes			
8.1b	Appropriate engineering controls:				
8.1c	Individual protection measures, such as personal protective equipment:	Wear gloves, lab coat, and protective goggles.			
8.1d	Safety symbols:				
8.2	Exposure controls:	Provide suggests station			
8.2a 8.2b	Process conditions: Engineering controls:	Provide eyewash station.  Ensure that eyewash stations and safety showers are proximal to the workstation location.			
8.2c 8.2d	Ventilation controls:  Reference to other sections:	Provide adquate ventilation.  Refer to Section 5 for additional information.			
8.2e	Eye/face protection:	Tightly fitting safety goggles. Use equipment for eye/face protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).			
8.2f	Skin protection:	Wear apron or protective clothing in case of contact.			
8.2g	Hand protection:	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Full contact Material: Nitrile rubber Minimum layer thickness: 0,11 mm Break through time: 480 min Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M) Splash contact Material: Nitrile rubber Minimum layer thickness: 0,11 mm Break through time: 480 min Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M) data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374 If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only			

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		and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of the customers' anticipated uses of the product. It should not be construed as offering an approval for any specific use
8.2h	Respiratory equipment:	scenario.  Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK
		(EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air
		respirator. Use respirators and components tested and approved under
8.2i	Other protection:	appropriate government standards such as NIOSH (US) or CEN (EU).  Wear appropriate clothing to prevent any possibility of skin contact.
8.2j	Hygiene measures:	DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift
•		and before eating, smoking, and using the toilet. Promptly remove any
		clothing that becomes contaminated. Use appropriate skin cream to
		prevent drying of skin. When using do not eat, drink, or smoke. Wash promptly with soap and water if skin becomes contaminated.
8.2k	Thermal hazards:	None known.
8.21	Environmental exposure controls:	Not determined.
0	O. Dharian and about an arrival	
9.1	9: Physical and chemical properties Information on basic physical and chemical	
J. 1	properties:	·
9.1a	Appearance (physical state, color, etc.):	Liquid; colorless; clear.
9.1b	Odor:	Pungent
9.1c	Odor threshold: pH:	Not determined. 6.8-7.4
9.1d 9.1e	рн:   Melting point/freezing point (°C):	Not determined.
9.1e 9.1f	Initial boiling point and boiling range:	Not determined.
9.1g	Flash point (°C):	85°C estimated value based on supplier data.
9.1h	Evaporation rate:	Not determined.
9.1i	Flammability (solid, gas):	Not determined.
9.1j	Upper/lower flammability or explosive limits:	Upper: 70%(V) estimated value. Lower: 7%(V) estimated value.
9.1k	Vapor pressure:	53 hPa at 39°C estimated value.
9.11	Vapor density (Air =1):	Not applicable.
9.1m	Relative density:	Not determined.
9.1n	Solubility(ies):	Readily miscible in water.
9.10	Partition coefficient (N-octanol/water): Auto-ignition temperature (°C):	Not determined.  Not determined.
9.1p 9.1q	Decomposition temperature (°C):	Not determined.
9.1r	Viscosity:	Not determined.
9.1s	Explosive properties:	Not determined.
	Oxidizing properties:	Not determined.
9.1t		
9.2	Other information:	None.
		None.
<b>9.2</b> 9.2a	Other information: Other physical or chemical parameters:  10: Stability and reactivity	None.
9.2 9.2a Section 10.1	Other information: Other physical or chemical parameters:  10: Stability and reactivity Reactivity:	None.  Strong acids. Strong oxidizing substances.
9.2 9.2a Section 10.1 10.2	Other information: Other physical or chemical parameters:  10: Stability and reactivity Reactivity: Chemical stability:	None.  Strong acids. Strong oxidizing substances. Stable under normal temperature conditions.
9.2 9.2a Section 10.1 10.2 10.3	Other information: Other physical or chemical parameters:  10: Stability and reactivity Reactivity: Chemical stability: Possibility of hazardous reactions:	Strong acids. Strong oxidizing substances. Stable under normal temperature conditions. Not determined.
9.2 9.2a Section 10.1 10.2	Other information: Other physical or chemical parameters:  10: Stability and reactivity Reactivity: Chemical stability:	None.  Strong acids. Strong oxidizing substances. Stable under normal temperature conditions.
9.2 9.2a Section 10.1 10.2 10.3	Other information: Other physical or chemical parameters:  10: Stability and reactivity Reactivity: Chemical stability: Possibility of hazardous reactions:	Strong acids. Strong oxidizing substances. Stable under normal temperature conditions. Not determined. Heat, flames, and sparks. Avoid exposure to high temperatures or direct sunlight. Strong bases, strong acids, strong oxidizing agents, alkali metals, amines,
9.2 9.2a Section 10.1 10.2 10.3 10.4	Other information: Other physical or chemical parameters:  10: Stability and reactivity Reactivity: Chemical stability: Possibility of hazardous reactions: Conditions to avoid:	Strong acids. Strong oxidizing substances. Stable under normal temperature conditions. Not determined. Heat, flames, and sparks. Avoid exposure to high temperatures or direct sunlight. Strong bases, strong acids, strong oxidizing agents, alkali metals, amines, acid chlorides, acid anhydrides, reducing agents, peroxides, isocyanates,
9.2 9.2a Section 10.1 10.2 10.3 10.4 10.5	Other information: Other physical or chemical parameters:  10: Stability and reactivity Reactivity: Chemical stability: Possibility of hazardous reactions: Conditions to avoid: Incompatible materials:	Strong acids. Strong oxidizing substances. Stable under normal temperature conditions. Not determined. Heat, flames, and sparks. Avoid exposure to high temperatures or direct sunlight. Strong bases, strong acids, strong oxidizing agents, alkali metals, amines, acid chlorides, acid anhydrides, reducing agents, peroxides, isocyanates, phenol, aniline.
9.2 9.2a Section 10.1 10.2 10.3 10.4	Other information: Other physical or chemical parameters:  10: Stability and reactivity Reactivity: Chemical stability: Possibility of hazardous reactions: Conditions to avoid:	Strong acids. Strong oxidizing substances. Stable under normal temperature conditions. Not determined. Heat, flames, and sparks. Avoid exposure to high temperatures or direct sunlight. Strong bases, strong acids, strong oxidizing agents, alkali metals, amines, acid chlorides, acid anhydrides, reducing agents, peroxides, isocyanates, phenol, aniline. None under normal conditions. High temperatures generate:
9.2 9.2a Section 10.1 10.2 10.3 10.4 10.5	Other information: Other physical or chemical parameters:  10: Stability and reactivity Reactivity: Chemical stability: Possibility of hazardous reactions: Conditions to avoid: Incompatible materials:	Strong acids. Strong oxidizing substances. Stable under normal temperature conditions. Not determined. Heat, flames, and sparks. Avoid exposure to high temperatures or direct sunlight. Strong bases, strong acids, strong oxidizing agents, alkali metals, amines, acid chlorides, acid anhydrides, reducing agents, peroxides, isocyanates, phenol, aniline.
9.2 9.2a Section 10.1 10.2 10.3 10.4 10.5 10.6	Other information: Other physical or chemical parameters:  10: Stability and reactivity Reactivity: Chemical stability: Possibility of hazardous reactions: Conditions to avoid: Incompatible materials:  Hazardous decomposition products:  11: Toxicological information	Strong acids. Strong oxidizing substances. Stable under normal temperature conditions. Not determined. Heat, flames, and sparks. Avoid exposure to high temperatures or direct sunlight. Strong bases, strong acids, strong oxidizing agents, alkali metals, amines, acid chlorides, acid anhydrides, reducing agents, peroxides, isocyanates, phenol, aniline. None under normal conditions. High temperatures generate:
9.2 9.2a Section 10.1 10.2 10.3 10.4 10.5 Section 11.1	Other information: Other physical or chemical parameters:  10: Stability and reactivity Reactivity: Chemical stability: Possibility of hazardous reactions: Conditions to avoid: Incompatible materials:  Hazardous decomposition products:  11: Toxicological information Information on toxicological effects:	Strong acids. Strong oxidizing substances. Stable under normal temperature conditions. Not determined. Heat, flames, and sparks. Avoid exposure to high temperatures or direct sunlight. Strong bases, strong acids, strong oxidizing agents, alkali metals, amines, acid chlorides, acid anhydrides, reducing agents, peroxides, isocyanates, phenol, aniline. None under normal conditions. High temperatures generate:
9.2 9.2a Section 10.1 10.2 10.3 10.4 10.5 10.6 Section 11.1 11.1a	Other information: Other physical or chemical parameters:  10: Stability and reactivity Reactivity: Chemical stability: Possibility of hazardous reactions: Conditions to avoid: Incompatible materials:  Hazardous decomposition products:  11: Toxicological information Information on toxicological effects: Name:	Strong acids. Strong oxidizing substances. Stable under normal temperature conditions. Not determined. Heat, flames, and sparks. Avoid exposure to high temperatures or direct sunlight. Strong bases, strong acids, strong oxidizing agents, alkali metals, amines, acid chlorides, acid anhydrides, reducing agents, peroxides, isocyanates, phenol, aniline. None under normal conditions. High temperatures generate: Vapors/gases/fumes of: Formaldehyde.
9.2 9.2a Section 10.1 10.2 10.3 10.4 10.5 Section 11.1	Other information: Other physical or chemical parameters:  10: Stability and reactivity Reactivity: Chemical stability: Possibility of hazardous reactions: Conditions to avoid: Incompatible materials:  Hazardous decomposition products:  11: Toxicological information Information on toxicological effects:	Strong acids. Strong oxidizing substances. Stable under normal temperature conditions. Not determined. Heat, flames, and sparks. Avoid exposure to high temperatures or direct sunlight. Strong bases, strong acids, strong oxidizing agents, alkali metals, amines, acid chlorides, acid anhydrides, reducing agents, peroxides, isocyanates, phenol, aniline. None under normal conditions. High temperatures generate: Vapors/gases/fumes of: Formaldehyde.
9.2 9.2a Section 10.1 10.2 10.3 10.4 10.5 10.6 Section 11.1 11.1a	Other information: Other physical or chemical parameters:  10: Stability and reactivity Reactivity: Chemical stability: Possibility of hazardous reactions: Conditions to avoid: Incompatible materials:  Hazardous decomposition products:  11: Toxicological information Information on toxicological effects: Name:	Strong acids. Strong oxidizing substances. Stable under normal temperature conditions. Not determined. Heat, flames, and sparks. Avoid exposure to high temperatures or direct sunlight. Strong bases, strong acids, strong oxidizing agents, alkali metals, amines, acid chlorides, acid anhydrides, reducing agents, peroxides, isocyanates, phenol, aniline. None under normal conditions. High temperatures generate: Vapors/gases/fumes of: Formaldehyde.  Formaldehyde: LD50 Dermal Rabbit 270 mg/kg. LD50 Oral Rat 100 mg/kg.
9.2 9.2a Section 10.1 10.2 10.3 10.4 10.5 10.6 Section 11.1 11.1a	Other information: Other physical or chemical parameters:  10: Stability and reactivity Reactivity: Chemical stability: Possibility of hazardous reactions: Conditions to avoid: Incompatible materials:  Hazardous decomposition products:  11: Toxicological information Information on toxicological effects: Name:	Strong acids. Strong oxidizing substances. Stable under normal temperature conditions. Not determined. Heat, flames, and sparks. Avoid exposure to high temperatures or direct sunlight. Strong bases, strong acids, strong oxidizing agents, alkali metals, amines, acid chlorides, acid anhydrides, reducing agents, peroxides, isocyanates, phenol, aniline. None under normal conditions. High temperatures generate: Vapors/gases/fumes of: Formaldehyde.  Formaldehyde: LD50 Dermal Rabbit 270 mg/kg. LD50 Oral Rat 100 mg/kg. Methanol:
9.2 9.2a Section 10.1 10.2 10.3 10.4 10.5 10.6 Section 11.1 11.1a	Other information: Other physical or chemical parameters:  10: Stability and reactivity Reactivity: Chemical stability: Possibility of hazardous reactions: Conditions to avoid: Incompatible materials:  Hazardous decomposition products:  11: Toxicological information Information on toxicological effects: Name:	Strong acids. Strong oxidizing substances. Stable under normal temperature conditions. Not determined. Heat, flames, and sparks. Avoid exposure to high temperatures or direct sunlight. Strong bases, strong acids, strong oxidizing agents, alkali metals, amines, acid chlorides, acid anhydrides, reducing agents, peroxides, isocyanates, phenol, aniline. None under normal conditions. High temperatures generate: Vapors/gases/fumes of: Formaldehyde.  Formaldehyde: LD50 Dermal Rabbit 270 mg/kg. LD50 Oral Rat 100 mg/kg. Methanol: LD50 Dermal Rabbit 15800 mg/kg.
9.2 9.2a Section 10.1 10.2 10.3 10.4 10.5  Section 11.1 11.1a 11.1b	Other information: Other physical or chemical parameters:  10: Stability and reactivity Reactivity: Chemical stability: Possibility of hazardous reactions: Conditions to avoid: Incompatible materials:  Hazardous decomposition products:  11: Toxicological information Information on toxicological effects: Name: Acute toxicity:	Strong acids. Strong oxidizing substances. Stable under normal temperature conditions. Not determined. Heat, flames, and sparks. Avoid exposure to high temperatures or direct sunlight. Strong bases, strong acids, strong oxidizing agents, alkali metals, amines, acid chlorides, acid anhydrides, reducing agents, peroxides, isocyanates, phenol, aniline. None under normal conditions. High temperatures generate: Vapors/gases/fumes of: Formaldehyde.  Formaldehyde: LD50 Dermal Rabbit 270 mg/kg. LD50 Oral Rat 100 mg/kg. Methanol: LD50 Dermal Rabbit 15800 mg/kg. LD50 Oral Rat 5600 mg/kg.
9.2 9.2a  Section 10.1 10.2 10.3 10.4 10.5  10.6  Section 11.1 11.1a 11.1b	Other information: Other physical or chemical parameters:  10: Stability and reactivity Reactivity: Chemical stability: Possibility of hazardous reactions: Conditions to avoid: Incompatible materials:  Hazardous decomposition products:  11: Toxicological information Information on toxicological effects: Name: Acute toxicity:	Strong acids. Strong oxidizing substances. Stable under normal temperature conditions. Not determined. Heat, flames, and sparks. Avoid exposure to high temperatures or direct sunlight. Strong bases, strong acids, strong oxidizing agents, alkali metals, amines, acid chlorides, acid anhydrides, reducing agents, peroxides, isocyanates, phenol, aniline. None under normal conditions. High temperatures generate: Vapors/gases/fumes of: Formaldehyde.  Formaldehyde: LD50 Dermal Rabbit 270 mg/kg. LD50 Oral Rat 100 mg/kg. Methanol: LD50 Dermal Rabbit 15800 mg/kg. LD50 Oral Rat 5600 mg/kg. Formaldehyde: Not determined. Methanol: Not determined.
9.2 9.2a Section 10.1 10.2 10.3 10.4 10.5  Section 11.1 11.1a 11.1b	Other information: Other physical or chemical parameters:  10: Stability and reactivity Reactivity: Chemical stability: Possibility of hazardous reactions: Conditions to avoid: Incompatible materials:  Hazardous decomposition products:  11: Toxicological information Information on toxicological effects: Name: Acute toxicity:	Strong acids. Strong oxidizing substances. Stable under normal temperature conditions. Not determined. Heat, flames, and sparks. Avoid exposure to high temperatures or direct sunlight. Strong bases, strong acids, strong oxidizing agents, alkali metals, amines, acid chlorides, acid anhydrides, reducing agents, peroxides, isocyanates, phenol, aniline. None under normal conditions. High temperatures generate: Vapors/gases/fumes of: Formaldehyde.  Formaldehyde: LD50 Dermal Rabbit 270 mg/kg. LD50 Oral Rat 100 mg/kg. Methanol: LD50 Dermal Rabbit 15800 mg/kg. LD50 Oral Rat 5600 mg/kg.
9.2 9.2a  Section 10.1 10.2 10.3 10.4 10.5  10.6  Section 11.1 11.1a 11.1b  11.1c 11.1d 11.1e 11.1f	Other information: Other physical or chemical parameters:  10: Stability and reactivity Reactivity: Chemical stability: Possibility of hazardous reactions: Conditions to avoid: Incompatible materials:  Hazardous decomposition products:  11: Toxicological information Information on toxicological effects: Name: Acute toxicity:  Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization: Germ cell mutagenicity:	Strong acids. Strong oxidizing substances. Stable under normal temperature conditions. Not determined. Heat, flames, and sparks. Avoid exposure to high temperatures or direct sunlight. Strong bases, strong acids, strong oxidizing agents, alkali metals, amines, acid chlorides, acid anhydrides, reducing agents, peroxides, isocyanates, phenol, aniline. None under normal conditions. High temperatures generate: Vapors/gases/fumes of: Formaldehyde.  Formaldehyde: LD50 Dermal Rabbit 270 mg/kg. LD50 Oral Rat 100 mg/kg. Methanol: LD50 Dermal Rabbit 15800 mg/kg. LD50 Oral Rat 5600 mg/kg. Formaldehyde: Not determined. Methanol: Not determined.
9.2 9.2a  Section 10.1 10.2 10.3 10.4 10.5  10.6  Section 11.1 11.1a 11.1b  11.1c 11.1d 11.1e	Other information: Other physical or chemical parameters:  10: Stability and reactivity Reactivity: Chemical stability: Possibility of hazardous reactions: Conditions to avoid: Incompatible materials:  Hazardous decomposition products:  11: Toxicological information Information on toxicological effects: Name: Acute toxicity:  Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization:	Strong acids. Strong oxidizing substances.  Stable under normal temperature conditions.  Not determined.  Heat, flames, and sparks. Avoid exposure to high temperatures or direct sunlight.  Strong bases, strong acids, strong oxidizing agents, alkali metals, amines, acid chlorides, acid anhydrides, reducing agents, peroxides, isocyanates, phenol, aniline.  None under normal conditions. High temperatures generate:  Vapors/gases/fumes of: Formaldehyde.
9.2 9.2a  Section 10.1 10.2 10.3 10.4 10.5  10.6  Section 11.1 11.1a 11.1b  11.1c 11.1d 11.1e 11.1f	Other information: Other physical or chemical parameters:  10: Stability and reactivity Reactivity: Chemical stability: Possibility of hazardous reactions: Conditions to avoid: Incompatible materials:  Hazardous decomposition products:  11: Toxicological information Information on toxicological effects: Name: Acute toxicity:  Skin corrosion/irritation: Serious eye damage/irritation: Respiratory or skin sensitization: Germ cell mutagenicity:	Strong acids. Strong oxidizing substances. Stable under normal temperature conditions. Not determined. Heat, flames, and sparks. Avoid exposure to high temperatures or direct sunlight. Strong bases, strong acids, strong oxidizing agents, alkali metals, amines, acid chlorides, acid anhydrides, reducing agents, peroxides, isocyanates, phenol, aniline. None under normal conditions. High temperatures generate: Vapors/gases/fumes of: Formaldehyde.  Formaldehyde: LD50 Dermal Rabbit 270 mg/kg. LD50 Oral Rat 100 mg/kg. Methanol: LD50 Dermal Rabbit 15800 mg/kg. LD50 Oral Rat 5600 mg/kg. Formaldehyde: Not determined. Methanol: Not determined.

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44.41	Barrier Land and Carlo	ACGIH - A2 (Suspected Human Carcinogen).
11.1h	Reproductive toxicity:	Formaldehyde: Not determined. Methanol: Not determined.
11.1i	STOT-single exposure:	Formaldehyde: Not determined. Methanol: Not determined.
11.1j	STOT-repeated exposure:	Formaldehyde: Category 3, Respiratory Tract Irritation. Methanol: Not
44.41	A	determined.
11.1k	Aspiration hazard:	Formaldehyde: Not determined. Methanol: Not determined.
11.11	Information on the likely routes of exposure (inhalation,	May enter by skin and/or eye contact; inhalation of vapors/mist/dust.
	ingestion, skin and eye contact):	
11.1m	Ingestion:	Harmful if swallowed.
11.1n	Inhalation:	May cause respiratory irritation.
11.10	Skin contact:	Harmful in contact with skin. Causes skin irritation. May cause an allergic
		skin reaction.
11.1p	Eye contact:	Causes serious eye irritation.
11.1q	Symptoms related to the physical, chemical and	May cause sensitization by skin contact.
44.4.	toxicological characteristics:	M
11.1r	Delayed and immediate effects as well as chronic	May cause cancer. Suspected of causing genetic defects. May cause
44.4.	effects from short and long term exposure:	damage to organs.
11.1s	Numerical measures of toxicity (such as acute toxicity	Not determined.
44.41	estimates):	Not be well a
11.1t	Interactive effects:	Not determined.
11.1u	Absence of specific data:	Not applicable.
11.1v	Mixtures:	Item is a mixture.
11.1w	Mixture vs. substance information:	See Section 3 for any substances in the mixture.
11.1x	Classification by National Toxicity Program (NTP):	Formaldehyde is known to be a human carcinogen. Methanol is not listed.
11.1y	Classification by International Agency for Research on	Formaldehyde is classified in Group 1: Carcinogenic to Humans. Methanol
44.4	Cancer (IARC):	is not listed.
11.1z	Classification by OSHA 13:	Formaldehyde is not listed. Methanol is not listed.
11.1ab	Other information:	Because of the small quantity of product, the health hazard is small.
	12: Ecological information	
12.1	Toxicity:	Mixture not tested.
12.1a	Name:	Fixative.
12.1b	Ecotoxicity (aquatic and terrestrial, where available):	No data available.
12.2	Persistence and degradability:	No data available.
12.3	Bioaccumulative potential:	No data available.
12.4	Mobility in soil:	No data available.
12.5	Results of PBT and vPvB assessment:	Not determined.
12.6	Other adverse effects:	Not determined.
12.6	Other adverse effects:	
12.6 Section	Other adverse effects:  13: Disposal considerations	Not determined.
12.6	Other adverse effects:	Not determined.  When handling waste, consideration should be made to the safety
12.6 Section 13.1	Other adverse effects:  13: Disposal considerations Waste treatment methods:	Not determined.  When handling waste, consideration should be made to the safety precautions applying to handling of the product.
12.6 Section	Other adverse effects:  13: Disposal considerations  Waste treatment methods:  Description of waste residues and information on their	When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority
12.6 Section 13.1	Other adverse effects:  13: Disposal considerations Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the	Not determined.  When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or
12.6 Section 13.1	Other adverse effects:  13: Disposal considerations  Waste treatment methods:  Description of waste residues and information on their	Not determined.  When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8
12.6 Section 13.1	Other adverse effects:  13: Disposal considerations Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the	When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or
12.6 Section 13.1 13.1a	Other adverse effects:  13: Disposal considerations  Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:	Not determined.  When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8
12.6  Section 13.1  13.1a  Section	Other adverse effects:  13: Disposal considerations  Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:  14: Transport information	When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.
12.6  Section 13.1  13.1a  Section 14.1	13: Disposal considerations  Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:  14: Transport information  UN number:	When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.  Not applicable.
12.6  Section 13.1  13.1a  Section 14.1 14.2	13: Disposal considerations  Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:  14: Transport information  UN number:  UN proper shipping name:	When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.  Not applicable.  Not applicable.
12.6  Section 13.1  13.1a  Section 14.1 14.2 14.3	13: Disposal considerations Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:  14: Transport information UN number: UN proper shipping name: Transport hazard class(es):	When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.  Not applicable.  Not applicable.  Not applicable.
12.6  Section 13.1  13.1a  Section 14.1 14.2 14.3 14.4	13: Disposal considerations  Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:  14: Transport information  UN number:  UN proper shipping name:  Transport hazard class(es):  Packing group:	When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.  Not applicable.  Not applicable.
12.6  Section 13.1  13.1a  Section 14.1 14.2 14.3 14.4 14.5	Other adverse effects:  13: Disposal considerations  Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:  14: Transport information  UN number:  UN proper shipping name:  Transport hazard class(es):  Packing group:  Environmental hazards:	When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.  Not applicable.  Not applicable.  Not applicable.  Not applicable.
12.6  Section 13.1  13.1a  Section 14.1 14.2 14.3 14.4	13: Disposal considerations  Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:  14: Transport information  UN number:  UN proper shipping name:  Transport hazard class(es):  Packing group:  Environmental hazards:  Is it environmentally dangerous according to UN Model	When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.  Not applicable.  Not applicable.  Not applicable.
12.6  Section 13.1  13.1a  Section 14.1 14.2 14.3 14.4 14.5 14.5a	13: Disposal considerations  Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:  14: Transport information  UN number:  UN proper shipping name:  Transport hazard class(es):  Packing group:  Environmental hazards:  Is it environmentally dangerous according to UN Model Regulations (IMDG Code, ADR, RID, and ADN)?:	When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.  Not applicable.  Not applicable.  Not applicable.  Not applicable.  The product is not covered by these regulations.
12.6  Section 13.1  13.1a  Section 14.1 14.2 14.3 14.4 14.5 14.5a	13: Disposal considerations Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:  14: Transport information UN number: UN proper shipping name: Transport hazard class(es): Packing group: Environmental hazards: Is it environmentally dangerous according to UN Model Regulations (IMDG Code, ADR, RID, and ADN)?: Is it a marine pollutant according to the IMDG code?:	Not determined.  When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.  Not applicable.  Not applicable.  Not applicable.  Not applicable.  The product is not covered by these regulations.
12.6  Section 13.1  13.1a  Section 14.1 14.2 14.3 14.4 14.5 14.5a  14.5b 14.6	13: Disposal considerations  Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:  14: Transport information  UN number:  UN proper shipping name:  Transport hazard class(es):  Packing group:  Environmental hazards:  Is it environmentally dangerous according to UN Model Regulations (IMDG Code, ADR, RID, and ADN)?:  Is it a marine pollutant according to the IMDG code?:  Special precautions for user:	When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.  Not applicable.  Not applicable.  Not applicable.  Not applicable.  The product is not covered by these regulations.  No.  No.  None known.
12.6  Section 13.1  13.1a  Section 14.1 14.2 14.3 14.4 14.5 14.5a	13: Disposal considerations  Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:  14: Transport information  UN number:  UN proper shipping name:  Transport hazard class(es):  Packing group:  Environmental hazards:  Is it environmentally dangerous according to UN Model Regulations (IMDG Code, ADR, RID, and ADN)?:  Is it a marine pollutant according to the IMDG code?:  Special precautions for user:  Transport in bulk according to Annex II of MARPOL	Not determined.  When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.  Not applicable.  Not applicable.  Not applicable.  Not applicable.  The product is not covered by these regulations.
12.6  Section 13.1  13.1a  Section 14.1 14.2 14.3 14.4 14.5 14.5a  14.5b 14.6 14.7	13: Disposal considerations Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:  14: Transport information UN number: UN proper shipping name: Transport hazard class(es): Packing group: Environmental hazards: Is it environmentally dangerous according to UN Model Regulations (IMDG Code, ADR, RID, and ADN)?: Is it a marine pollutant according to the IMDG code?: Special precautions for user: Transport in bulk according to Annex II of MARPOL and the IBC code:	When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.  Not applicable.  Not applicable.  Not applicable.  The product is not covered by these regulations.  No.  None known.  Not applicable.
12.6  Section 13.1  13.1a  Section 14.1  14.2  14.3  14.4  14.5  14.5a  14.7a	13: Disposal considerations Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:  14: Transport information UN number: UN proper shipping name: Transport hazard class(es): Packing group: Environmental hazards: Is it environmentally dangerous according to UN Model Regulations (IMDG Code, ADR, RID, and ADN)?: Is it a marine pollutant according to the IMDG code?: Special precautions for user: Transport in bulk according to Annex II of MARPOL and the IBC code: Other information:	When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.  Not applicable.  Not applicable.  Not applicable.  The product is not covered by these regulations.  No.  None known.  Not applicable.  The product is not considered a dangerous good for transport.
12.6  Section 13.1  13.1a  Section 14.1 14.2 14.3 14.4 14.5 14.5a  14.5b 14.6 14.7	13: Disposal considerations Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:  14: Transport information UN number: UN proper shipping name: Transport hazard class(es): Packing group: Environmental hazards: Is it environmentally dangerous according to UN Model Regulations (IMDG Code, ADR, RID, and ADN)?: Is it a marine pollutant according to the IMDG code?: Special precautions for user: Transport in bulk according to Annex II of MARPOL and the IBC code:	When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.  Not applicable.  Not applicable.  Not applicable.  The product is not covered by these regulations.  No.  None known.  Not applicable.
12.6  Section 13.1  13.1a  Section 14.1 14.2 14.3 14.4 14.5 14.5a  14.7a 14.7a	Other adverse effects:  13: Disposal considerations Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:  14: Transport information UN number: UN proper shipping name: Transport hazard class(es): Packing group: Environmental hazards: Is it environmentally dangerous according to UN Model Regulations (IMDG Code, ADR, RID, and ADN)?: Is it a marine pollutant according to the IMDG code?: Special precautions for user: Transport in bulk according to Annex II of MARPOL and the IBC code: Other information: Classification for other modes of transport:	When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.  Not applicable.  Not applicable.  Not applicable.  The product is not covered by these regulations.  No.  None known.  Not applicable.  The product is not considered a dangerous good for transport.
12.6  Section 13.1  13.1a  Section 14.1  14.2  14.3  14.5  14.5a  14.7a  14.7a  14.7b  Section	13: Disposal considerations Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:  14: Transport information UN number: UN proper shipping name: Transport hazard class(es): Packing group: Environmental hazards: Is it environmentally dangerous according to UN Model Regulations (IMDG Code, ADR, RID, and ADN)?: Is it a marine pollutant according to the IMDG code?: Special precautions for user: Transport in bulk according to Annex II of MARPOL and the IBC code: Other information: Classification for other modes of transport:	When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.  Not applicable.  Not applicable.  Not applicable.  The product is not covered by these regulations.  No.  None known.  Not applicable.  The product is not considered a dangerous good for transport.
12.6  Section 13.1  13.1a  Section 14.1 14.2 14.3 14.4 14.5 14.5a  14.7a 14.7a	13: Disposal considerations Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:  14: Transport information UN number: UN proper shipping name: Transport hazard class(es): Packing group: Environmental hazards: Is it environmentally dangerous according to UN Model Regulations (IMDG Code, ADR, RID, and ADN)?: Is it a marine pollutant according to the IMDG code?: Special precautions for user: Transport in bulk according to Annex II of MARPOL and the IBC code: Other information: Classification for other modes of transport:	When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.  Not applicable.  Not applicable.  Not applicable.  The product is not covered by these regulations.  No.  None known.  Not applicable.  The product is not considered a dangerous good for transport.
12.6  Section 13.1  13.1a  Section 14.1  14.2  14.3  14.5  14.5a  14.7a  14.7a  14.7b  Section	Other adverse effects:  13: Disposal considerations Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:  14: Transport information UN number: UN proper shipping name: Transport hazard class(es): Packing group: Environmental hazards: Is it environmentally dangerous according to UN Model Regulations (IMDG Code, ADR, RID, and ADN)?: Is it a marine pollutant according to the IMDG code?: Special precautions for user: Transport in bulk according to Annex II of MARPOL and the IBC code: Other information: Classification for other modes of transport:  15: Regulatory information Safety, health and environmental regulations/legislation specific for the substance or	When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.  Not applicable.  Not applicable.  Not applicable.  The product is not covered by these regulations.  No.  None known.  Not applicable.  The product is not considered a dangerous good for transport.
12.6  Section 13.1  13.1a  Section 14.1  14.2  14.3  14.4  14.5  14.5a  14.5b  14.6  14.7  14.7a  14.7b  Section  15.1	13: Disposal considerations Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:  14: Transport information UN number: UN proper shipping name: Transport hazard class(es): Packing group: Environmental hazards: Is it environmentally dangerous according to UN Model Regulations (IMDG Code, ADR, RID, and ADN)?: Is it a marine pollutant according to the IMDG code?: Special precautions for user: Transport in bulk according to Annex II of MARPOL and the IBC code: Other information: Classification for other modes of transport:  15: Regulatory information Safety, health and environmental regulations/legislation specific for the substance or mixture:	When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.  Not applicable.  Not applicable.  Not applicable.  The product is not covered by these regulations.  No.  None known.  Not applicable.  The product is not considered a dangerous good for transport.  Contact supplier.
12.6  Section 13.1  13.1a  Section 14.1 14.2 14.3 14.4 14.5 14.5a  14.7a 14.7a 14.7b  Section	Other adverse effects:  13: Disposal considerations Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:  14: Transport information UN number: UN proper shipping name: Transport hazard class(es): Packing group: Environmental hazards: Is it environmentally dangerous according to UN Model Regulations (IMDG Code, ADR, RID, and ADN)?: Is it a marine pollutant according to the IMDG code?: Special precautions for user: Transport in bulk according to Annex II of MARPOL and the IBC code: Other information: Classification for other modes of transport:  15: Regulatory information Safety, health and environmental regulations/legislation specific for the substance or mixture: Regional safety, health and environmental regulations	When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.  Not applicable.  Not applicable.  Not applicable.  The product is not covered by these regulations.  No.  None known.  Not applicable.  The product is not considered a dangerous good for transport.
12.6  Section 13.1  13.1a  Section 14.1  14.2  14.3  14.4  14.5  14.5a  14.5b  14.6  14.7  14.7a  14.7b  Section  15.1	Other adverse effects:  13: Disposal considerations Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:  14: Transport information UN number: UN proper shipping name: Transport hazard class(es): Packing group: Environmental hazards: Is it environmentally dangerous according to UN Model Regulations (IMDG Code, ADR, RID, and ADN)?: Is it a marine pollutant according to the IMDG code?: Special precautions for user: Transport in bulk according to Annex II of MARPOL and the IBC code: Other information: Classification for other modes of transport:  15: Regulatory information Safety, health and environmental regulations/legislation specific for the substance or mixture: Regional safety, health and environmental regulations specific for the product in question:	When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.  Not applicable.  Not applicable.  Not applicable.  Not applicable.  The product is not covered by these regulations.  No.  None known.  Not applicable.  The product is not considered a dangerous good for transport.  Contact supplier.
12.6  Section 13.1  13.1a  Section 14.1  14.2  14.3  14.4  14.5  14.5a  14.7b  14.7a  14.7b  Section  15.1	Other adverse effects:  13: Disposal considerations Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:  14: Transport information UN number: UN proper shipping name: Transport hazard class(es): Packing group: Environmental hazards: Is it environmentally dangerous according to UN Model Regulations (IMDG Code, ADR, RID, and ADN)?: Is it a marine pollutant according to the IMDG code?: Special precautions for user: Transport in bulk according to Annex II of MARPOL and the IBC code: Other information: Classification for other modes of transport:  15: Regulatory information Safety, health and environmental regulations/legislation specific for the substance or mixture: Regional safety, health and environmental regulations	When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.  Not applicable.  Not applicable.  Not applicable.  Not applicable.  The product is not covered by these regulations.  No.  None known.  Not applicable.  The product is not considered a dangerous good for transport.  Contact supplier.  USDA OSHA - Formaldehyde Standard Subpart Z 1910.1048.  Formaldehyde is listed on 302, 304, 313, and RCRA code U122.
12.6  Section 13.1  13.1a  Section 14.1  14.2  14.3  14.4  14.5  14.5a  14.5b  14.6  14.7  14.7a  14.7b  Section  15.1  15.1a	Other adverse effects:  13: Disposal considerations Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:  14: Transport information UN number: UN proper shipping name: Transport hazard class(es): Packing group: Environmental hazards: Is it environmentally dangerous according to UN Model Regulations (IMDG Code, ADR, RID, and ADN)?: Is it a marine pollutant according to the IMDG code?: Special precautions for user: Transport in bulk according to Annex II of MARPOL and the IBC code: Other information: Classification for other modes of transport:  15: Regulatory information Safety, health and environmental regulations/legislation specific for the substance or mixture: Regional safety, health and environmental regulations specific for the product in question: USA SARA Components (such as 302/311/313):	When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.  Not applicable.  Not applicable.  Not applicable.  Not applicable.  The product is not covered by these regulations.  No.  None known.  Not applicable.  The product is not considered a dangerous good for transport.  Contact supplier.  USDA OSHA - Formaldehyde Standard Subpart Z 1910.1048.  Formaldehyde is listed on 302, 304, 313, and RCRA code U122.  Methanol is listed on 313 and RCRA code U122.
12.6  Section 13.1  13.1a  Section 14.1  14.2  14.3  14.4  14.5  14.5a  14.5b  14.6  14.7  14.7a  14.7b  Section 15.1  15.1a  15.1b	13: Disposal considerations Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:  14: Transport information UN number: UN proper shipping name: Transport hazard class(es): Packing group: Environmental hazards: Is it environmentally dangerous according to UN Model Regulations (IMDG Code, ADR, RID, and ADN)?: Is it a marine pollutant according to the IMDG code?: Special precautions for user: Transport in bulk according to Annex II of MARPOL and the IBC code: Other information: Classification for other modes of transport:  15: Regulatory information Safety, health and environmental regulations/legislation specific for the substance or mixture: Regional safety, health and environmental regulations specific for the product in question: USA SARA Components (such as 302/311/313): USA Massachusetts Right to Know:	When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.  Not applicable. Not applicable. Not applicable. Not applicable.  The product is not covered by these regulations.  No. None known. Not applicable.  The product is not considered a dangerous good for transport. Contact supplier.  USDA OSHA - Formaldehyde Standard Subpart Z 1910.1048.  Formaldehyde is listed on 302, 304, 313, and RCRA code U122. Methanol is listed on 313 and RCRA code U122. Formaldehyde and methanol are listed.
12.6  Section 13.1  13.1a  Section 14.1  14.2  14.3  14.4  14.5  14.5a  14.7a  14.7b  Section 15.1  15.1a  15.1b  15.1c  15.1d	13: Disposal considerations Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:  14: Transport information UN number: UN proper shipping name: Transport hazard class(es): Packing group: Environmental hazards: Is it environmentally dangerous according to UN Model Regulations (IMDG Code, ADR, RID, and ADN)?: Is it a marine pollutant according to the IMDG code?: Special precautions for user: Transport in bulk according to Annex II of MARPOL and the IBC code: Other information: Classification for other modes of transport:  15: Regulatory information Safety, health and environmental regulations/legislation specific for the substance or mixture: Regional safety, health and environmental regulations specific for the product in question: USA SARA Components (such as 302/311/313):  USA Massachusetts Right to Know: USA Pennsylvania Right to Know:	When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.  Not applicable.  Not applicable.  Not applicable.  Not applicable.  The product is not covered by these regulations.  No.  None known.  Not applicable.  The product is not considered a dangerous good for transport.  Contact supplier.  USDA OSHA - Formaldehyde Standard Subpart Z 1910.1048.  Formaldehyde is listed on 302, 304, 313, and RCRA code U122.  Methanol is listed on 313 and RCRA code U122.  Formaldehyde and methanol are listed.  Formaldehyde and methanol are listed.
12.6  Section 13.1  13.1a  Section 14.1  14.2  14.3  14.4  14.5  14.5a  14.7b  14.7a  14.7b  Section 15.1  15.1a  15.1b  15.1c	13: Disposal considerations Waste treatment methods:  Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:  14: Transport information UN number: UN proper shipping name: Transport hazard class(es): Packing group: Environmental hazards: Is it environmentally dangerous according to UN Model Regulations (IMDG Code, ADR, RID, and ADN)?: Is it a marine pollutant according to the IMDG code?: Special precautions for user: Transport in bulk according to Annex II of MARPOL and the IBC code: Other information: Classification for other modes of transport:  15: Regulatory information Safety, health and environmental regulations/legislation specific for the substance or mixture: Regional safety, health and environmental regulations specific for the product in question: USA SARA Components (such as 302/311/313): USA Massachusetts Right to Know:	When handling waste, consideration should be made to the safety precautions applying to handling of the product.  Dispose of waste and residues in accordance with local authority requirements. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (exposure controls and personal protection) of the SDS.  Not applicable. Not applicable. Not applicable. Not applicable.  The product is not covered by these regulations.  No. None known. Not applicable.  The product is not considered a dangerous good for transport. Contact supplier.  USDA OSHA - Formaldehyde Standard Subpart Z 1910.1048.  Formaldehyde is listed on 302, 304, 313, and RCRA code U122. Methanol is listed on 313 and RCRA code U122. Formaldehyde and methanol are listed.

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15.1g	EU Regulation 1907/2006 {REA		/e: 5/12/17; Supersedes: F17-536-2-C; Page 7 of 8	
15.1g	Annex XIV substances subject to authorization:		Formaldehyde is listed.	
15.1i	Substances of very high concern:		Fixative is not listed.	
15.1j	Approved code of practice:		Classification and labeling of substances and preparations dangerous for	
			supply. Safety data sheets for substances and preparations.	
15.1k	Guidance notes:		Workplace exposure limits EH40.	
15.11	EU legislation references:		(EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures {CLP Regulation}. EC 830/2015. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/105/EC and 2000/21/EC, including amendments.	
<b>15.2</b> 15.2a	Chemical safety assessment: Other regulatory information:		Not required. None.	
Section	16: Other information			
16.1	Other information:			
16.1a	Date of revision:	12-May-2017		
16.1b	SDS number and revision:	F17-536-2-D		
16.1c	Supersedes SDS number and	F17-536-2-C		
16.1d	revision: Changes made to the previous	Reviewed and undate	ed document control numbers. Minor changes were made (corrected typos,	
10.10	version of the SDS:	deleted redundant inf		
16.1e	Key/legend to abbreviations		official officers.	
	and acronyms used in the		sions concerning the International Carriage of Dangerous Goods by Inland	
	SDS:	Waterway.		
			Agreement concerning the International Carriage of Dangerous Goods by	
		Road.	ation at a	
		ATE Acute Toxicity E BCF Bio Concentration		
		CAS Chemical Abstra		
			abelling and Packaging.	
			itagen or Reproductive toxicant.	
		COD Chemical Oxyge	en Demand.	
		EC European Commi		
	EC50 Half maximal e			
			aining the list of workplace exposure limits for use with the Control of	
		Substances Hazardol	us to Health Regulations. ventory of Existing Commercial chemical Substances.	
			st of Notified Chemical Substances.	
		EU European Union.	of the fine of the	
			nized System of Classification and Labelling of Chemicals.	
		H Statement GHS Ha	zard statement.	
			Transport Association.	
		IBC Intermediate Bull		
			nibitory concentration.	
		LC50 Median lethal c	laritime Dangerous Goods. oncentration	
	LD50 Median lethal			
			the octanol/water partition coefficient.	
		MARPOL 73/78 Interi	national Convention for the Prevention of Pollution From Ships, 1973 as	
		modified by the Proto		
		OEL Occupational Ex		
			Safety and Health Administration (USA).	
	PBT Persistent, Bioa PEL Permissible Ex			
			concerning the International Carriage of Dangerous Goods by Rail.	
	SADT Self-Accelera		ng Decomposition Temperature.	
	SARA Superfund Ar		endments and Reauthorization Act.	
			Breathing Apparatus.	
		SDS Safety Data She	eet.	
		STOT Specific Target		
			arget Organ Toxicity - Repeated Exposure. arget Organ Toxicity - Single Exposure.	
		UN United Nations.	nget Organ Toxiotty - Single Exposure.	
		USA United States of	America.	
			very bioaccumulative.	
16.1f	Full text of hazard statements	All statements were v		
	and/or precautionary			
	statements not written out in			
	full elsewhere:			

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	the suitability of such information for his own particular use.		
END OF SDS			