

## 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 Product identifier:	MR-(LR) <sub>2</sub>	
1.1a	Other means of identification:	IVIIX-(LIX)2	
1.1b	Alternative product name(s)/ synonyms:	Magic Red-(LR) <sub>2</sub> , MR-LR, MR-(Leu-Arg) <sub>2</sub> , Cresyl-violet-LR, Magic Red Cathepsin K substrate	
1.1c 1.1d	Product number/Catalog #(s): Internal identification:	6135, 6136 MR-(LR) <sub>2</sub> , MR-LR, MR-(Leu-Arg) <sub>2</sub> , Cresyl-violet-LR, Magic Red Cathepsin K substrate	
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:	Enzyme substrate and cathepsin detection reagent.	
1.3	Details of the supplier of the SDS:		
1.3a 1.3b	Name: Address:	ImmunoChemistry Technologies, LLC (ICT) 9401 James Avenue South, Suite 155	
1.30 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		
<b>2.1</b> 2.1a	Classification of the substance or mixture:  Product is a:	Substance.	
2.1a 2.1b	Classification according to (EC) No. 1272/2008 (CLP):	Does not meet the criteria for classification.	
2.1c	The most important adverse physiochemical, human health, and environmental effects:	Refer to Sections 9-12.	
2.2	Label elements:	None.	
2.2a	GHS label elements, including precautionary statements:	None.	
2.2b	Contains:	None.	
2.2c	Labeling in accordance with (EC) No. 1272/2008:	None.	
2.2d	Hazard Pictograms (Hazard Symbols):	None.	
2.2e	Signal word:	None.	
2.2f	Hazard statements:	None.	
2.2g	Precautionary statements:	None.	
2.2h <b>2.3</b>	Supplementary precaution statements:  Other hazards:	None.	
2.3a	Does the chemical meet the criteria for PBT or vPvB?	No additional information available.  Not applicable.	
2.3b	Other hazards which do not result in classification:	No information available.	
	on 3: Composition/information on ingredients	No information available.	
3.1	Substance:	Item is a substance.	
J. I	3.1a Chemical identity:	MR-(LR) <sub>2</sub>	
	3.1b Common name, synonyms, etc.:	None.	
	3.1c CAS number and	3.1e % 3.1f Classification according to (EC) No.	
	other unique identifiers: 3.1d EC number:	<u>S.11 Glassification according to (EG) No.</u> Concentration: 1272/2008 (CLP):	
		100% Not classified.	
	None. None.		
	None. None.		
3.1g	Chemical identity of any impurity, stabilizing additive, or individual constituent other than the main constituent, which is itself classified and which contributes to the classification (such as product	None known.	
3.1g 3.1h	Chemical identity of any impurity, stabilizing additive, or individual constituent other than the main constituent, which is itself classified and which		

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Section	on 4: First aid measures	
4.1	Description of first aid measures:	If concerned, get medical attention/advice and provide physician with
		SDS information. Wash contaminated clothing before re-use. Never give anything to an unconscious person.
4.1a	Inhalation:	Due to the small packaging the risk of inhalation is minimal. Remove to
<del>1</del> .14	innalation.	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
		attention if any discomfort continues.
4.2	Most important symptoms and effects, both acute	
4.0-	and delayed:	May acres acres in a second invitation
4.2a	Inhalation:	May cause coughing or mild irritation.  Prolonged skin contact may cause mild irritation.
4.2b	Skin contact:	
4.2c 4.2d	Eye contact: Ingestion:	May cause temporary eye irritation.  May cause discomfort if swallowed.
4.2u 4.3	Indication of any immediate medical attention and	No specific first aid measures noted, but first aid may still be required
7.3	special treatment needed:	in case of accidental exposure, inhalation, or ingestion of this product.
	Special treatment needed.	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
<del>1</del> .5a	Notes to physician/mst responder.	protective equipment.
		protocure equipment
Section	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	Product is not explosive. No dangerous reactions known under normal
	mixture:	conditions of use.
5.2a	Hazardous combustion products:	In case of fire, toxic gases may be formed of carbon monoxide (CO),
		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.
Section	on 6: Accidental release measures	
6.1	Personal precautions, protective equipment, and	Use protective equipment appropriate for surrounding materials.
<b>U.</b> 1	emergency procedures:	200 proteotive equipment appropriate for suffounding materials.
6.1a	General release measures:	No specific emergency measures are required other than good
υα	23.10141 1010400 1110404100.	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
2	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,
	1	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
Ì	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 vapour.
6.4	Reference to other sections:	Refer to Sections 8 and 13 for additional information.
	<b></b>	
	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.
	mixtures:	g and a g and a g and a g a g a g a g a g a g a g a g a g a
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	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
7.0	On a War and war (a)	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.
Section	8: Exposure controls/personal protection	
8.1	Control parameters:	
8.1a	Occupational exposure limits, such as chemical	Not available.
0	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.
	protective equipment:	
8.1d	Safety symbols:	
		( COTO)
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.
8.2e	Eye/face protection:	Wear approved chemical safety goggles where eye exposure is
0.01	Olin protestions	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.  Where risk assessment shows air-purifying respirators are appropriate
8.2h	Respiratory equipment:	
		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
		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.

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	n 9: Physical and chemical properties Information on basic physical and chemical		
9.1	properties:	•	
9.1a	Appearance (physical state, color, etc.):	Powder, dust.	
9.1b	Odor:	No characteristic odor.	
9.1c	Odor threshold:	Not determined.	
9.1d	pH:	Not determined.	
9.1e	Melting point/freezing point (°C):	Not determined.  Not determined.	
9.1f	Initial boiling point and boiling range:	Not determined.	
9.1g	Flash point (°C):	Not applicable.	
9.1h	Evaporation rate:	Not applicable	
9.1i	Flammability (solid, gas):	Not determined.	
9.1j	Upper/lower flammability or explosive limits:	Not determined.	
9.1k	Vapor pressure:	Not applicable.	
9.1I	Vapor 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.	
9.1p	Auto-ignition temperature (°C):	Not determined.	
9.1q	Decomposition temperature (°C):	Not determined.	
9.1r	Viscosity:	Not determined.	
9.1s	Explosive properties:	Not determined.	
9.1t	Oxidizing properties:	Not determined.	
9.2	Other information:	None.	
9.2a	Other physical or chemical parameters:	None.	
0	n 40. Ctability and greativity		
	n 10: Stability and reactivity	N 1 6 9 11	
10.1	Reactivity:	No data available.	
10.2	Chemical stability:	Stable under normal temperature conditions.	
10.3	Possibility of hazardous reactions: Conditions to avoid:	Hazardous polymerization: no data available.	
10.4	Conditions to avoid:	To avoid product degradation, avoid exposure to high temperatures or	
10.5	Incompatible materials:	direct sunlight or light.  No data available.	
10.5	Hazardous decomposition products:	None under normal conditions.	
10.0	riazardous decomposition products.	None under normal conditions.	
Sectio	n 11: Toxicological information		
	n 11: Toxicological information		
11.1	Information on toxicological effects:	MR-(I R) <sub>2</sub>	
<b>11.1</b> 11.1a	Information on toxicological effects: Name:	. MR-(LR) <sub>2</sub> Not determined	
<b>11.1</b> 11.1a 11.1b	Information on toxicological effects: Name: Acute toxicity:	Not determined.	
11.1 11.1a 11.1b 11.1c	Information on toxicological effects:  Name: Acute toxicity: Skin corrosion/irritation:	Not determined. Not determined.	
11.1 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.	
11.1a 11.1b 11.1c 11.1d 11.1d	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.	
11.1 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. Not determined.	
11.1 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.	
11.1a 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.	
11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 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: STOT-single exposure:	Not determined.	
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:	Not determined.	
11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 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:	Not determined.	
11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 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	Not determined.	
11.1 11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1j 11.1k	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.	
11.1 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:	Not determined. May enter by skin and/or eye contact; inhalation of vapors/mist/dust.  May cause discomfort if swallowed.	
11.1 11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1i 11.1k 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. In high concentrations, dust may irritate throat and respiratory system	
11.1 11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1i 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 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	
11.1 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 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.	
11.1 11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1i 11.1k 11.1l 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:	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.	
11.1 11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1i 11.1k 11.1l 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	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.	
11.1 11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1i 11.1k 11.1l 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:	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.	
11.1 11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1i 11.1k 11.1l 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:	Not determined. In this 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.	
11.1 11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1f 11.1h 11.1i 11.1i 11.1k 11.1l 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	Not determined. In this 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.	
11.1 11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1f 11.1h 11.1i 11.1i 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: 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 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.	
11.1 11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1f 11.1h 11.1i 11.1i 11.1h 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	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. No specific symptoms noted.  Not determined.	
11.1 11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1i 11.1k 11.1l 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 this 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.	
11.1 11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1i 11.1h 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): 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.	
11.1 11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1f 11.1h 11.1i 11.1k 11.1l 11.1n 11.1n 11.1n 11.1n 11.1c 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): Interactive effects: Absence of specific data:	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 applicable.	
11.1 11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1g 11.1h 11.1i 11.1k 11.1l 11.1n 11.1n 11.1n 11.1n 11.1c 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.	
11.1 11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1f 11.1h 11.1i 11.1i 11.1l 11.1n 11.1n 11.1n 11.1n 11.1n 11.1c 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:	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.	
11.1 11.1a 11.1b 11.1c 11.1d 11.1e 11.1f 11.1f 11.1h 11.1i 11.1i 11.1i 11.1n 11.1n 11.1n 11.1n 11.1n 11.1c 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 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 applicable. Not applicable. Not classified.	
11.1 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: 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 determined. Not applicable. Not applicable. Not applicable. Not applicable. Not classified.	

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Magic Red-(LR)2 SDS; Doc# F17-6131-4-C; Effective: 05/26/2017; Supersedes: F17-6131-4-B; Page 5 of 6					
Section 12: Ecological information					
12.1	Toxicity:				
12.1a	Name:	MR-(LR) <sub>2</sub> .			
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.			
Continu	12. Diametel considerations				
13.1	13: Disposal considerations Waste treatment methods:	When handling waste, consideration should be made to the safety			
13.1	waste treatment methods.	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			
10.14	their safe handling and methods of disposal,	requirements. For the safety of persons conducting disposal, recycling			
	including the disposal of any contaminated	or reclamation activities, please refer to the information in Section 8			
	packaging:	(exposure controls and personal protection) of the SDS.			
	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: Environmental hazards:	Not applicable.			
<b>14.5</b> 14.5a	Is it environmentally dangerous according to UN	No.			
14.5a	Model Regulations (IMDG Code, ADR, RID, and	NO.			
	ADN)?:				
14.5b	Is it a marine pollutant according to the IMDG	No.			
	code?:				
14.6	Special precautions for user:	None known.			
14.7	Transport in bulk according to Annex II of	Not applicable.			
	MARPOL and the IBC code:				
14.7a	Other information:	The product is not considered a dangerous good for transport.			
14.7b					
Section	15: Poquiatory information				
	15: Regulatory information				
Section 15.1	Safety, health and environmental				
	Safety, health and environmental regulations/legislation specific for the substance				
	Safety, health and environmental regulations/legislation specific for the substance or mixture:	None known.			
<b>15.1</b> 15.1a	Safety, health and environmental regulations/legislation specific for the substance	None known.			
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):	None known.  Not listed.			
15.1a 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. Not listed. Not listed.			
15.1a 15.1b 15.1c 15.1d 15.1e	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:	Not listed. Not listed. Not listed. 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 15.1a 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  15.1a  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.  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.  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 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.  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 15.1j 15.1k	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.  Classification and labeling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.  Workplace exposure limits EH40.			
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.  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 15.1j 15.1k	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.  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			
15.1a  15.1b 15.1c 15.1d 15.1e 15.1f 15.1g 15.1h 15.1i 15.1j 15.1k	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.  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 15.1j 15.1k	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.  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 15.1j 15.1k	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.  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 15.1j 15.1k	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.  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			
15.1a  15.1b 15.1c 15.1d 15.1e 15.1f 15.1g 15.1h 15.1i 15.1j 15.1k	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.  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 15.1j 15.1k	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.  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 15.1s	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.			
15.1a  15.1a  15.1b  15.1c  15.1d  15.1e  15.1f  15.1g  15.1h  15.1i  15.1i  15.1s  15.1k	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.  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.			
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15.1a  15.1a  15.1b  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. 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.			
15.1a  15.1a  15.1b  15.1c  15.1d  15.1e  15.1f  15.1j  15.1h  15.1i  15.1i  15.1s  15.1c  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:  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.  Not required.  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  15.1c  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:  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:  16: Other information:  Date of revision:	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. None.			
15.1a  15.1a  15.1b  15.1c  15.1d  15.1e  15.1f  15.1j  15.1h  15.1i  15.1i  15.1s  15.1c  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:  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.  Not required.  None.			

## Magic Red-(LR)2 SDS: Doc# F17-6131-4-C: Effective: 05/26/2017: Supersedes: F17-6131-4-B: Page 6 of 6

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16.1d		the previous version of the SDS:	Reviewed and updated document control numbers.
16.1e		previations 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 States of America.
			vPvB very Persistent very bioaccumulative.
16.1f	Full text of hazard	statements and/or precautionary	All statements were written out in full.
		itten out in full elsewhere:	7 in statemente were written out in ruin
DISCLA			fic material designated and may not be valid for such material used
			or in any process. Such information is, to the best of the company's
			ble as of the date indicated. However, no warranty guarantee or
			eliability, or completeness. It is the user's responsibility to satisfy
			,,

representation is made to its accuracy, reliability, or completeness. It is the himself as to the suitability of such information for his own particular use.

**END OF SDS**