

SECTION 1 CHEMICAL IDENTIFICATION**CAT NO:** 465846**PRODUCT NAME:** SANDOSPACE R**ALTERNATE NAME:****MANUFACTURER/
SUPPLIER:** **United States Biological** | 4 Technology Way | Salem, MA 01970
Phone 800-520-3011 | Fax 978-594-8052 | Website www.usbio.net**CAS NUMBER:** 4156-21-2
MOLECULAR WEIGHT: 343.12
MOLECULAR FORMULA: C₉H₅CL₂N₄NAO₃S**SECTION 2. HAZARDS IDENTIFICATION**GHS Classification:
EYE DAMAGE/IRRITATION (CATEGORY 1)
SENSITIZATION, SKIN (CATEGORY 1)

Signal Word: Danger

Hazard Statements:
Xn: Harmful
H317: May cause an allergic skin reaction
H318: Causes serious eye damagePrecautionary Statements:
P280: Wear protective gloves/protective clothing/eye protection/face protection
P305+P351+P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P333+P313: If skin irritation or rash occurs: Get medical advice/attentionNFPA Classification:
Health Rating: 1
Flammability: 0
Reactivity: 0**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

SUBSTANCE	CAS#	EC#	PERCENT	CLASSIFICATION
SANDOSPACE R	4156-21-2	223-989-2	≥95%	XN, H317, H318

SECTION 4. FIRST-AID MEASURES

SKIN CONTACT: REMOVE CONTAMINATED CLOTHING AND WASH THE EXPOSED SKIN AREA THOROUGHLY WITH SOAP AND WATER.

EYE CONTACT: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION.

INHALATION: REMOVE TO FRESH AIR, GIVE OXYGEN IF BREATHING BECOMES DIFFICULT AND SEEK MEDICAL ATTENTION.

INGESTION: FLUSH MOUTH WITH COPIOUS AMOUNTS OF WATER, PROVIDED THAT THE PERSON IS CONSCIOUS AND SEEK MEDICAL ATTENTION.

SECTION 5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: WATER SPRAY, DRY CHEMICAL, FOAM OR CARBON DIOXIDE.

FIREFIGHTING: WEAR PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS TO PREVENT CONTACT WITH SKIN AND EYES.

SECTION 6. ACCIDENTAL RELEASE MEASURES

BODY PRECAUTIONS: WEAR RUBBER GLOVES, IMPERMEABLE SHOE COVERS AND LONG LABORATORY COAT.
ENVIRONMENTAL PRECAUTIONS: CONTAIN THE SPILL TO THE SMALLEST AREA POSSIBLE.
CLEANING MEASURES: TAKE CARE NOT TO CONTAMINATE BODY. ABSORB THE MATERIAL WITH DISPOSABLE TOWELS. WASH AREA WITH DISPOSABLE TOWELS. TRANSFER CONTAMINATED ABSORBENT TO A CHEMICAL WASTE CONTAINER FOR DISPOSAL. DISPOSE OF ALL CONTAMINATED TRASH IN ACCORDANCE WITH LOCAL REGULATIONS.

SECTION 7. HANDLING AND STORAGE

AVOID INHALATION AND CONTACT WITH EYES AND SKIN. AVOID PROLONGED OR REPEATED EXPOSURE.
STORAGE: STORE AT -20°C

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT: LONG LAB COAT, CHEMICAL RESISTANT GLOVES, AND CHEMICAL SAFETY GLASSES.
CHANGE GLOVES WHEN THEY BECOME CONTAMINATED.
RESPIRATORY PROTECTION: IN CASE OF FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: White to off-white solid
Solubility: DMSO (Slightly)

SECTION 10. STABILITY AND REACTIVITY

STABILITY: STABLE
CONDITIONS TO AVOID: STRONG OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION PRODUCTS: MAY FORM CARBON DIOXIDE AND CARBON MONOXIDE.

SECTION 11. TOXICOLOGICAL INFORMATION

MAY CAUSE SKIN IRRITATION. MAY BE HARMFUL IF ABSORBED THROUGH SKIN OR INGESTED. MAY CAUSE EYE IRRITATION.

SECTION 12. ECOLOGICAL INFORMATION

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Observe all federal, state and local environmental regulations.

SECTION 14. TRANSPORT INFORMATION

DOT(US): Not regulated for transport
IMDG: Not regulated for transport
IATA: Not regulated for transport

SECTION 15. REGULATORY INFORMATION

EU Regulation/Classification/Labeling Information: Not available for this product.
Chemical Inventory Status:
SARA Listed Component: None
TSCA Listed Component: None
Canada (WHMIS): DSL No, NDSL No

SECTION 16. OTHER INFORMATION

RECOMMENDED USE: FOR RESEARCH USE ONLY. NOT FOR USE ON OR IN HUMANS AND ANIMALS. CONSIDER ALL MATERIALS AS POTENTIALLY INFECTIOUS AND USE ONLY APPROVED FDA AND NIH GUIDELINES FOR THE PROPER HANDLING AND DISPOSAL OF INFECTIOUS MATERIAL. ONLY AUTHORIZED AND TRAINED PERSONNEL SHOULD HANDLE THIS REAGENT.

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