

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-900/9001-99-4.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

9001-99-4

Code:

T

RTECS:

RF0760000

Code:

T

Name:

RIBONUCLEASE A

Other REC Limits:

N/P

OSHA PEL:

N/P

Code:**OSHA STEL:**

N/P

Code:**ACGIH TLV:**

N/P

Code:**ACGIH STEL:**

N/P

Code:

Control Measures

Respiratory Protection:

NIOSH APPROVED RESPIRATOR.

Ventilation:

MECHANICAL EXHAUST REQUIRED.

Protective Gloves:

RUBBER GLOVES.

Eye Protection:

ANSI APPROVED CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment:

Equipment ANSI APPROVED EYE WASH DELUGE SHOWER (FP N).

Work Hygienic Practices:

WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health:

N/P

Health Hazards Data

LD50/LC50 Mixture:

N/P

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

ACUTE: IRRITATING TO EYES, RESPIRATORY SYSTEM, AND SKIN. MAY CAUSE SENSITIZATION BY INHALATION AND SKIN CONTACT.

Explanation Of Carcinogenicity:

N/P

Signs And Symptoms Of Overexposure:

SEE HEALTH HAZARDS. 2

Medical Cond Aggravated By Exposure:

N/P

First Aid:

EYE CONT: IMMEDIATELY FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. ASSURE ADEQUATE FLUSHING OF EYES BY SEPARATING THE EYELIDS WITH FINGERS. SKIN CONT: IMMEDIATELY WASH WITH SOAP AND COPIOUS AMOUNTS OF WATER.

INHAL: REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. INGEST: WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN. REMOVE AND WASH CONTAMINATED CLOTHING PROMPTLY.

Spill Release Procedures:

PRECAUTIONARY MEASURES: WEAR NIOSH APPROVED SCBA, CHEMICAL SAFETY GOGGS, RUBBER BOOTS, AND HEAVY RUBBER GLOVES. CLEAN-UP PROCEDURE: SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL. AVOID DUST. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

Neutralizing Agent:

N/P

Waste Disposal Methods:

NO SPECIAL DISPOSAL METHOD REQUIRED. OBSERVE ALL FEDERAL, STATE, AND LOCAL LAWS.

Handling And Storage Precautions:

STORE TIGHTLY CLOSED AT 20-25 C. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. DO NOT BREATHE VAPOR. STORE IN A DRY PLACE.

Other Precautions:

THE PRODUCT SHOULD BE HANDLED WITH THE NORMAL CAUTION ACCORDING TO CHEMICALS. ADDITIONAL HARMFUL PROPERTIES CANNOT BE RULED OUT.

Fire and Explosion Hazard Information

Flash Point Method:

N/A

Flash Point:

N/A

Flash Point Text:

N/A

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

N/A

Upper Limits:

N/A 3

Extinguishing Media:

CARBON DIOXIDE, DRY CHEMICAL POWDER, OR APPROPRIATE FOAM.

Fire Fighting Procedures:

USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire/Explosion Hazard:

N/P

Physical/Chemical Properties

HCC:**NRC/State IC No:**

4

Net Prop WT For Ammo:

N/A

Boiling Point:

N/A

N.P. Text:

N/A

Melt/Freeze Pt:

N/A

N.P./F.P. Text:

N/A

Decomp Temp:

N/A

Decomp Text:

N/A

Vapor Pres:

N/A

Vapor Density:

N/A

Volatile Org Content %:

N/A

Spec Gravity:

N/A

VOC Pounds/Gallon:

N/A

PH:

N/A

VOC Grams/Liter:

N/A

Viscosity:

N/A

Evaporation Rate & Reference:

N/A

Solubility in Water:

SOLUBLE

Appearance and Odor:

COLORLESS LIQUID. NO ODOR.

Percent Volatiles by Volume:

N/P

Corrosion Rate:

N/P

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

N/P

Materials To Avoid:

NONE

Hazardous Decomposition Products:

NONE

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/P

Toxicological Information

Information:

N/P

MSDS Transport Information

Information:

N/P

Regulatory Information

Sara Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Other Information:

N/P

Physical/Chemical Properties

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Boiling Point:

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Spec Gravity:

N/A

VOC Pounds/Gallon:

N/A

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