

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-120/12008-41-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
12008-41-2
Code:
M

RTECS:
JN4950000
Code:
M

Name:
DISODIUM OCTABORATE TETRAHYDRATE 1

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NONE

Ventilation:
NONE

Protective Gloves:
NONE

Eye Protection:
AVOID EYE CONTACT

Other Protective Equipment:
Equipment NONE

Work Hygienic Practices:
N/K

Supplemental Safety and Health:
N/P

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RATS) 2.0 G/KG

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
EYES: MAY BE IRRITATING. REVERSIBLE. INHALATION: MAY BE SLIGHTLY IRRITATING. INGESTION: NAUSEA & VOMITING. SKIN: NONE EXPECTED.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
EYES: MAY BE IRRITATING. SKIN: MAY BE IRRITATING ON PROLONGED EXPOSURE ON WET SKIN. INGESTION: NAUSEA, VOMITING, DIARRHEA, SKIN RASH. INHALATION: MAY BE IRRITATING TO MOUTH & NOSE.

Medical Cond Aggravated By Exposure:
SKIN RASH

First Aid:
EYES: FLUSH IMMEDIATELY WITH TEPID WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, CONSULT PHYSICIAN. SKIN: WASH WITH MILD SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION: DRINK PLENTY OF MILK OR WATER. INDUCE EMESIS. FOR LARGE AMOUNTS, TREAT FOR BORATE TOXICITY.

Spill Release Procedures:
SWEEP OR VACUUM. FLUSH AREA WITH WATER.

Neutralizing Agent:
N/K

Waste Disposal Methods:
STANDARD LANDFILL. NOT A HAZARDOUS WASTE BY EPA.

Handling And Storage Precautions:
DRY INDOOR STORAGE. AVOID EYE CONTACT.

Other Precautions:
NOT AN ACUTE POISON. GASTRIC LAVAGE W/5% SODIUM BICARBONATE SOLUTION. IF LARGE AMOUNTS INGESTED TREAT FOR BORATE TOXICITY. RINGERS SOLUTION INTRAVENOUSLY. MONITOR ELECTROLYTES. SALINE CATHARTIC. 2

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
N/R

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
NONE

Fire Fighting Procedures:
PRODUCT IS AN INHERENT FIRE RETARDANT.

Unusual Fire/Explosion Hazard:
NONE

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/R 3

Melt/Freeze Pt:

M.P/F.P Text:
N/R

Decomp Temp:

Decomp Text:
N/R

Vapor Pres:
N/R

Vapor Density:
N/R

Volatile Org Content %:

Spec Gravity:
N/R

VOC Pounds/Gallon:

PH: 1% 8.5

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/R

Solubility in Water:
9.5%

Appearance and Odor:
WHITE, ODORLESS POWDER (LIGHT BLUE TINT)

Percent Volatiles by Volume:
N/R

Corrosion Rate:
N/R

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NONE

Materials To Avoid:
NONE

Hazardous Decomposition Products:
NO

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NONE

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

Other Information:N/P