

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-131/1313-59-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
1313-59-3
Code:
M

RTECS:

Code:
X

Name:
SODIUM OXIDE 1 Environmental Wt: Other REC Lim

Other REC Limits:
N/P

OSHA PEL:
N/P
Code:

OSHA STEL:
N/P
Code:

ACGIH TLV:
N/P
Code:

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
USE NIOSH APPROVED RESPIRATOR WHEN PEL MIGHT BE EXCEEDED.

Ventilation:
"NOT APPLICABLE"

Protective Gloves:
RECOMMENDED.

Eye Protection:
SAFETY GOGGLES WITH SIDE SHIELDS.

Other Protective Equipment:
Equipment N/A.

Work Hygienic Practices:
AVOID RAISING DUST. AVOID CONTACT WITH SKIN, EYES, CLOTHING.

Supplemental Safety and Health:
N/A.

Health Hazards Data

LD50LC50Mixture:
PRODUCT'S LD50 (ORAL RAT) UNKNOWN

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO 2

Health Hazards Acute And Chronic:
ACUTE: MAY CAUSE EYE, SKIN, MUCOUS MEMBRANE IRRITATION. CHRONIC: PROLONGED INHALATION MAY CAUSE LUNG DAMAGE.

Explanation Of Carcinogenicity:
NOT LISTED.

Signs And Symptions Of Overexposure:
EYE, SKIN AND MUCOUS MEMBRANE IRRITATION.

Medical Cond Aggravated By Exposure:
BREATHING OF DUST MAY AGGRAVATE ASTHMA & INFLAMMATORY OF FIBROTIC PULMONARY DISEASE.

First Aid:
EYE CONTACT-FLUSH EYES WITH WATER FOR 15 MIN AND CONTACT PHYSICIAN. SKIN-WASH AFFECTED AREA WITH SOAP AND WATER. INHALATION-REMOVE TO FRESH AIR AND GET MEDICAL ASSISTANCE IF NECESSARY. INGESTION-IF IN GESTED IN LARGE QUANTITIES, DRINK 2 GLASSES OF WATER. CONTACT PHYSICIAN FOR PERMISSION TO INDUCE VOMITING. THIS PRODUCT GETS HOT AS IT ABSORBS WATER. BURNS TO MOIST BODY TISSUE CAN RESULT IF CONTACT I S PROLONGED. NO OTHER EVIDENCE OF SOURCE EFFECTS FROM AVAILABLE INFORMATION.

Spill Release Procedures:
SWEEP THE SPILL AREA. COLLECT & PLACE SPILLED MATERIAL IN A WASTE DISPOSAL CONTAINER. AVOID RAISING DUST.

Neutralizing Agent:
N/P

Waste Disposal Methods:
DISCARD ANY PRODUCT, RESIDUE, DISPOSABLE CONTAINER OR LINER IN AN ENVIRONMENTALLY ACCEPTABLE MANNER IN FULL COMPLIANCE WITH ALL FEDERAL STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions:
AVOID BREATHING DUST. USE WITH ADEQUATE VENTILATION. WASH AFTER HANDLING.

Other Precautions:
USE GOOD PERSONAL HYGIENE.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
DOES NOT BURN

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/A

Upper Limits:
N/A

Extinguishing Media:
USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:
USED MATERIAL MAY CONTAIN PRODUCTS OF A HAZARDOUS NATURE. THE USER OFTHIS PORDUCT MUST IDENTIFY HAZARDS OF THE RETAINED MATERIAL AND INFORM FIRE FIGHTERS OF THESE HAZARDS. 3

Unusual Fire/Explosion Hazard:
WHEN EXPOSED TO WATER, MOLECULAR SIEVE CAN GET QUITE HOT. WHEN FIRST WETTED, IT CAN HEAT TO BOILING POINT OF WATER. FLOODING WILLL REDUCE THE TEMPERATURE TO SAFE LIMITS.

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:
NONE

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/A

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
N/A

Vapor Density:
N/A

Volatile Org Content %:

Spec Gravity:
2.1

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
UNKNOWN

Evaporation Rate & Reference:
N/A

Solubility in Water:
N/A

Appearance and Odor:
PRODUCT MAY APPEAR AS A BEAD PELLET, MESH CAKE OR POWDER. ODORLESS.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
THE ADDITION OF WATER WITHOUT FLOODING CAN CAUSE A RISE IN TEMPERATURE FROM THE HEAT OF ABSORPTION, AND CONTACT WITH SKIN MIGHT RESULT IN BURNS.

Materials To Avoid:
SUDDEN CONTACT WITH HIGH CONCENTRATION OF CHEMICALS HAVING HIGH HEATS OF ABSORPTION.

Hazardous Decomposition Products:
DOES NOT READILY DECOMPOSE. ABSORBED MATERIALS SUCH AS HYDROCARBONS WILL BE MORE EASILY GIVEN OFF.

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



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WARRANTY
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