

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-134/1344-01-0.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
1344-01-0

Code:
M

RTECS:

Code:
X

Name:
CALCIUM SODIUM ALUMINOSILICATE

Other REC Limits:
NONE SPECIFIED

OSHA PEL:
NOT ESTABLISHED

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED

Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
NIOSH-APPROVED RESPIRATOR FOR DUST PROTECTION.

Ventilation:
USE WITH ADEQUATE VENTILATION.

Protective Gloves:
WEAR CLOSE-WEAVE GLOVES.

Eye Protection:
SAFETY GLASSES

Other Protective Equipment:
Equipment PROTECTIVE CLOTHING AS NECESSARY.

Work Hygienic Practices:
5 NORMAL PRACTICES. WASH HANDS AFTER HANDLING THIS PRODUCT.

Supplemental Safety and Health:
FOLLOWING CONTACT WITH TYPICAL PETROCHEMICALS OR GASES, MOLECULAR SIEVES MUST BE HANDLED WITH SPECIAL PRECAUTIONS. THE COMBINATION OF MOLECULAR SIEVES AND RETAINED MATERIAL CAN BE FLAMMABLE AND TOXIC . CARE SHOULD BE TAKEN TO AVOID SOURCESOF IGNITION AND TO AVOID PERSONAL CONTACT.

Health Hazards Data

LD50LC50Mixture:
UNKNOWN

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
3 IN DUSTY CONDITIONS, MAY CAUSE IRRITATION TO THE MUCOUS MEMBRANES AND EYES. PROLONGED CONTACT WITH THE SKIN MAY CAUSE IRRITATION.

Explanation Of Carcinogenicity:
NOT APPLICABLE

Signs And Symptions Of Overexposure:
DUST MAY CAUSE DRYING OF THE MUCOUS MEMBRANES OF THE NOSE AND THROAT.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
EYES: IMMEDIATELY WASH FROM EYES WITH LARGE AMOUNTS OF WATER, OCCASIONALLY LIFTING UPPER AND LOWER EYE LIDS. GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER. INGESTION: MATERIAL WILL PASS THRO UGH THE BODY NORMALLY. INHALATION: REMOVE TO FRESH AIR.

Spill Release Procedures:
VACUUM OR SWEEP UP MATERIAL. USE A NIOSH-APPROVED RESPIRATOR TO AVOID DRYING OF THE MUCOUS MEMBRANES OF THE NOSE AND THROAT FROM GENERATED DUST.

Neutralizing Agent:
NONE

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. COVER TO AVOID BLOWING OF DUST.

Handling And Storage Precautions:
PROPER GROUNDING SHOULD BE OBSERVED WHEN POURING FROM A BAG OR DRUM IN THE PRESENCE OF A FLAMMABLE MATERIAL.

Other Precautions:
MOLECULAR SIEVES WILL RELEASE HEAT WHEN ABSORBING WATER. IF A LARGE QUANTITY OF SIEVES QUICKLY ADSORBS THE EQUILIBRIUM AMOUNT OF WATER, THE SIEVES CAN BECOME HOT ENOUGH TO CAUSE THERMAL BURNS OF THE S KIN.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NON-FLAMMABLE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/A

Upper Limits:
N/A

Extinguishing Media:
AS APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:
NONE SPECIFIED BY MANUFACTURER.

Unusual Fire/Explosion Hazard:
NONE SPECIFIED BY MANUFACTURER.

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/A

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/A

Vapor Density:
N/A

Volatile Org Content %:

Spec Gravity:
2.1

VOC Pounds/Gallon:

PH: N/A

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/A

Solubility in Water:
INSOLUBLE

Appearance and Odor:
WHITE, GRAY, TAN, BEADS OR POWDER.

Percent Volatiles by Volume:
N/A

Corrosion Rate:
N/A

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NONE

Reacts To Avoid:
REACTS WITH HF AND STRONG ACIDS OR ALKALI. 6

Hazardous Decomposition Products:
NONE SPECIFIED BY MANUFACTURER.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NOT APPLICABLE

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