

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

ACGIH STEL:

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 SOURCES OF IGNITION AND TO AVOID PERSONAL CONTACT.

Health Hazards Data

LD50/LC50/Mixture:

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 Symptoms 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 THROUGH 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 SKIN.

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 LC 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.

Reactive Volatiles by Volume:

N/A

Corrosion Rate:

N/A

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

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