

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-78/78-13-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
78-13-7
Code:
M

RTECS:
VV9400000
Code:
M

Name:
TETRA (2-ETHYLBUTYL) ORTHO-SILICATE

Other REC Limits:
N/P

OSHA PEL:
N/P
Code:

OSHA STEL:

Code:

ACGIH TLV:
N/K
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NIOSH/MSHA APPROVED RESPIRATORY PROTECTIVE EQUIPMENT.

Ventilation:
IF RELEASED LOCAL EXHAUST VENTILATION SHOULD BE USED.

Protective Gloves:
PROTECTIVE

Eye Protection:
REQUIRED

Other Protective Equipment:
Equipment N/K

Work Hygienic Practices:
N/P

Supplemental Safety and Health:
MSDS DATE: 07/23/86.

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
N/P

Skin:
N/P

Ingestion:
N/P

Carcinogenicity Inds - NTP:
N/P

IARC:
N/P

OSHA:
N/P

Health Hazards Acute And Chronic:
N/P

Explanation Of Carcinogenicity:
N/P

Signs And Symptions Of Overexposure:
SLIGHT SKIN IRRITATION. 3

Medical Cond Aggravated By Exposure:
N/P

First Aid:
N/K

Spill Release Procedures:
CONTAIN FLUID. USE VACUUM TO PICKUP OR ABSORB ONTO CLAY OR SAWDUST.

Neutralizing Agent:
N/P

Waste Disposal Methods:
INCINERATE. THIS MATERIAL SHOULDN'T BE DUMPED, SPILLED, RINSED, OR WASHED INTO SEWERS OR PUBLIC WATERWAYS.

Handling And Storage Precautions:
DONT STORE IN OPEN CONTAINER. PRODUCT MAY DETERIORATE IF STORED IN OPEN CONTAINER DUE TO REACON WITH MOISTURE.

Other Precautions:
WASH HANDS AND CONTAMINATED SKIN AFTER HANDLING.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
325F (COC)

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
WATER SPRAY, FOAM, DRY CHEMICAL, CO2

Fire Fighting Procedures:
4 WEAR FULL PROTECTIVE CLOTHING/SCBA.

Unusual Fire/Explosion Hazard:
DECONTAMINATE EQUIPMENT AFTER USE.

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
<90F 5

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/A

Vapor Pres:
<0.

Vapor Density:
16

Volatile Org Content %:

Spec Gravity:
0.900

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
SLIGHT

Appearance and Odor:
CLEAR LIQUID; MILD, SWEET ODOR.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
RECOMMENDED MAXIMUM USE TEMP UNDER INERT CONDITIONS IS 300F.

Materials To Avoid:
WATER AT HIGH TEMPS WILL CAUSE HYDROLYSIS.

Hazardous Decomposition Products:
CO2, SILICON DIOXIDE, CO, HYDROCARBONS, SILICATE ESTER.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
EXPOSURE TO HIGHLY OXIDIZING MATERIALS SHOULD BE AVOIDED.

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