

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:**

N/P

Code:**ACGIH TLV:**

N/K

Code:

M

ACGIH STEL:

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

LD50/LC50 Mixture:

N/P

Route Of Entry Inids - Inhalation:

N/P

Skin:

N/P

Ingestion:

N/P

Carcinogenicity Inids - NTP:

N/P

IARC:

N/P

OSHA:

N/P

Health Hazards Acute And Chronic:

N/P

Explanation Of Carcinogenicity:

N/P

Signs And Symptoms 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:

DON'T 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:

N/A

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:

N/A

Decomp Temp:

N/A

Decomp Text:

N/A

Vapor Pres:

<0

Vapor Density:

16

Volatile Org Content %:

N/A

Spec Gravity:

0.900

VOC Pounds/Gallon:

N/A

PH:

N/P

VOC Grams/Liter:

N/A

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:

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

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