

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-413/4130-08-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

4130-08-9

Code:

M

RTECS:

Code:

X

Name:

VINYLTRIACETOXYSLANE

Other REC Limits:

10 PPM (ACETIC ACID)

OSHA PEL:

N/P

Code:

OSHA STEL:

Code:

ACGIH TLV:

N/P

Code:

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRATOR DECISION LOGIC-PUB#8 7.108.(ACID GAS/ORGANIC VAPOR TYPE)

Ventilation:

PROVIDE SUFFICIENT GENERAL/LOCAL EXHAUST VENTILATION IN PATTERN/VOLUME TO CONTROL INHALATION EXPOSURE BELOW OSHA'S PEL.

Protective Gloves:

OPTIONAL RECOMMENDED;RUBBER AS REQUIRED.

Eye Protection:

SAFETY GLASSES/GOGGLES

Other Protective Equipment:

Equipment EYE WASH STATION SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING,COVERALLS APRONS.

Work Hygienic Practices:

OBSERVE GOOD PERSONAL HYGIENE PRACTICE AND RECOMMENDED PROCEDURES. DO NOT EAT CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health:

5 DO NOT GET ON SKIN, IN EYES OR ON CLOTHING. DO NOT BREATHE VAPORS OR MIST. HIGHLY TOXIC VAPORS, TRIFLUOROPROPIONALDEHYDE MAY EVOLVE IF MATERIAL IS HEATED IN AIR ABOVE 300F (149C) OR BURNED. IF USED ABOVE 300F. PROVIDE ADEQUATE VENTILATION. EXPOSURE LIMITS HAVE NOT BEEN ESTABLISHED. CONSULT AN INDUSTRIAL HYGIENIST.

Health Hazards Data

LD50/LC50 Mixture:

LD50 (ORAL RAT) IS

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

ACUTE: IRRITATION TO EYES, SKIN, RESPIRATORY TRACT AND DIGESTIVE TRACT. NO KNOWN ADVERSE CHRONIC HEALTH EFFECTS.

Explanation Of Carcinogenicity:

NONE OF THE COMPONENTS IN THIS PRODUCT EXCEEDING 0.1% BY WT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Signs And Symptoms Of Overexposure:

3 IRRITATION TO EYES, SKIN, RESPIRATORY TRACT AND DIGESTIVE TRACT.

Medical Cond Aggravated By Exposure:

PERSONS WITH A HISTORY OF ALLERGIC CONDITIONS MAY BE AT INCREASED RISK FROM EXPOSURE. THERE ARE NO KNOWN MEDICAL CONDITIONS THAT MIGHT BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

First Aid:

INHALATION: REMOVE VICTIM TO FRESH AIR. IF NOT BREATHING, GIVE CPR. CALL A PHYSICIAN. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. CALL A PHYSICIAN. SKIN: WASH WITH PLENTY OF SOAP AND WATER. REMOVE CONTAMINATED CLOTHING & SHOES. INGESTION: DO NOT INDUCE VOMITING. IF CONSCIOUS, GIVE A PINT OF WATER TO DRINK. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. CALL A PHYSICIAN.

Spill Release Procedures:

SMALL SPILL: WIPE/SOAK UP WITH PAPER TOWEL OR INSERT ABSORBENT. PUT IN DISPOSAL CONTAINER. REMOVE RESIDUE WITH SOLVENT.

Neutralizing Agent:

None

Waste Disposal Methods:

DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

Handling And Storage Precautions:

STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINER FROM PHYSICAL DAMAGE. KEEP BELOW 90F/32C.

Other Precautions:

PRODUCT FORMS ACETIC ACID WHEN EXPOSED TO WATER OR HUMID AIR. PROVIDE VENTILATION DURING USE TO CONTROL VAPOR EXPOSURE WITHIN 10PPM (CURRENT TLV) OR USE RESPIRATORY PROTECTION.

Fire and Explosion Hazard Information

Flash Point Method:

CC

Flash Point:

Flash Point Text:

>212F,>100C

Autoignition Temp:

Autoignition Temp Text:

N/K 4

Lower Limits:

N/K

Upper Limits:

N/K

Extinguishing Media:

USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, WATER FOG.

Fire Fighting Procedures:

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE GEAR. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:

TOXIC FLUORINE GASES FORM. EVACUATE AREA IN CASE OF OVERHEATING OR FIRE.

Physical/Chemical Properties

HCC:

N1

NRC/State LIC No:

Net Wt For Ammo:

Boiling Point:

B.P. Text:

N/R

Melt/Freeze Pt:

M.P/F.P Text:

N/R

Decomp Temp:

>300F,>149C

Vapor Pres:

N/R

Vapor Density:

N/R

Volatile Org Content %:

N/K

Spec Gravity:

1.4

VOC Pounds/Gallon:

N/K

PH:

N/R

VOC Grams/Liter:

N/K

Viscosity:

N/P

Evaporation Rate & Reference:

N/R(BUTYL ACETATE=1)

Solubility in Water:

NEGLIGIBLE

Appearance and Odor:

WHITE PASTE WITH ACETIC ACID LIKE ODOR.

Percent Volatiles by Volume:

<5

Corrosion Rate:

N/K

Toxicological 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

Other Information: