

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-763/763-69-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
763-69-9

Code:
M

RTECS:

UF3325000

Code:

M 2

Name:
ETHYL 3-ETHOXYPROPIONATE (VAPOR PRESSURE 0.7 MM H

Other REC Limits:
50 PPM; STEL 100 PPM

OSHA PEL:
NOT ESTABLISHED

Code:

M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

A RESPIRATOR RECOMMENDED FOR ORGANIC VAPOR ENVIRONMENT (AIR PURIFYING OR FRESH AIR SUPPLIED). OBEY OSHA REGS FOR RESPIRATOR USE. PROVIDE VENT TO KEEP EXPOSURE LEVELS BELOW PEL. USE VAPOR PARTICULATE R SPRTR (TC23C) WHEN BELOW 10X TLV/PEL.

Ventilation:

EXHAUST VENT TO KEEP AIRBORNE CONCENTRATIONS BELOW TLV'S. REMOVE ALL IGNITION SOURCES.

Protective Gloves:

COTTON, NEOPRENE, RUBBER, POLYETHYLENE

Eye Protection:

SPLASH GUARDS, SIDE/FACE SHIELDS, GOGGLES

Other Protective Equipment:

Equipment THE USE OF LONG SLEEVE AND LONG LEG CLOTHING IS RECOMMENDED. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

Work Hygienic Practices:

WASH HANDS BEFORE EATING, SMOKING, OR USING WASHROOM. SMOKE IN SMOKING AREAS ONLY.

Supplemental Safety and Health:

N/K

Health Hazards Data

LD50/LC50 Mixture:

N/K

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

INHAL: RESP TRACT IRRIT, NERV SYS DEPRESS (HEADACHE, DIZZY, STAGGER, CONFUSION, UNCONSCIOUS, COMA). SKIN: ISOCYANATE REACT W/ PROTEIN CAUSING IRRIT (SWELL, RED, RASH). ABSORPT: IRRIT, DRYING, DEFATTING (CRACKING). EYE: IRRIT (TEAR, RED, SWELL/STING). INGEST: IRRIT, CORROSIVE IN GI TRACT. VOMIT MAY CAUSE ASPIRATION-CHEM PNEUMONITIS

Explanation Of Carcinogenicity:

N/K

Signs And Symptoms Of Overexposure:

ACUTE: VAPOR IRRITATING TO EYES, NOSE, THROAT. INHALATION MAY CAUSE HEADACHES, DIFFICULT BREATHING & UNCONSCIOUSNESS. CHRONIC: AS RESULT OF PREVIOUS REPEATED OVEREXPOSURE OR 3 SINGLE LARGE DOSE, SOME WILL DEVELOP ISOCYANATE SENSITIZATION WHICH WILL CAUSE THEM TO REACT TO LATER ISOCYANATE EXPOSURE WELL BELOW TLV.

Medical Cond Aggravated By Exposure:

ASTHMA AND ANY OTHER RESPIRATORY DISORDERS. SKIN ALLERGIES, ECZEMA, AND DERMATITIS. ISOCYANATE SENSITIZATION.

First Aid:

INHAL: MOVE TO FRESH AIR. RESTORE BREATHING. ASTHMATIC TYPE SYMPTOMS MAY DEVELOP. GET MEDICAL AID. SKIN: REMOVE CONTAMINATED CLOTHES. WASH AFFECTED AREAS W/SOAP & WATER. WASH CONTAMINATED CLOTHING BEF REUSE. EYES: FLUSH W/LUKEWARM WATER(LOW PRESSURE) 15 MIN, OCCASIONALLY LIFTING EYELIDS. GET MED AID. INGESTION: DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING TO AN UNCONSCIOUS PERSON. GET MED AID.

Spill Release Procedures:

EVACUATE ALL NON-ESSENTIAL PERSONNEL. REMOVE ALL SOURCES OF IGNITION (FLAME, SPARK SOURCES, HOT SURFACES). VENTILATE AREA. CONTAIN AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS.

Neutralizing Agent:

N/K

Waste Disposal Methods:

DISPOSE OF WASTE IN ACCORDANCE WITH FEDERAL, STATE, & LOCAL ENVIRONMENTAL CONTROL REGULATIONS. EMPTY CONTAINERS MUST BE HANDLED WITH CARE, DUE TO PRODUCT RESIDUE & FLAMMABLE VAPOR. DON'T INCINERATE CLOSED CONTAINERS. EPA CODE: D001, F003, F005.

Handling And Storage Precautions:

STORE IN BLDGS IN COMPLY W/OSHA 1910.106. AVOID STORING NEAR HIGH TEMPERATURES/IGNITION SOURCES. STORE IN CLOSED CONTAINERS IN WELL VENTILATED AREA.

Other Precautions:

KEEP CONTAINERS TIGHT & UPRIGHT (PREVENT LEAK). PREVENT PROLONGED VAPOR BREATHING. PROLONGED OVEREXPOSURE MAY CAUSE ALLERGIC REACTION. AVOID CONTACT WITH SKIN & EYES. DO NOT INGEST. DON'T HANDLE TILL MFR SFTY PRECAUTIONS READ/UNDERSTOOD.

Fire and Explosion Hazard Information

Flash Point Method:

TCC

Flash Point:

23.0F, -5.0C

Autoignition Temp:

N/K

Autoignition Temp Text:

N/K

Lower Limits:

1.00

Upper Limits:

11.00

Extinguishing Media:

FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG, WATER SPRAY

Fire Fighting Procedures:

USE FULL PROTECT CLOTH/FIREFIGHT EQUIP W/SCBA. WATER MAY BE USED TO COOL CLSD CNTNRS (PREVENT PRESS BLDUP/AUTOIGNIT/EXPLOS). HDI/IRRIT VAPOR GENERATED BY FIRE.

Unusual Fire/Explosion Hazard:

KEEP CNTNR CLSD. KEEP FROM HEAT/IGNIT SOURCE. CLSD CNTNR MAY EXPLODE W/HEAT. APPLIC TO HOT SURFACE REQ SPECIAL PRECAUTION. OVEREXPOSURE TO DECOMP PROD-HLTH HZD.

Physical/Chemical Properties

HCC:

F2

NRC/State Lic No:

N/K

Net Prop WT For Ammo:

N/K

Boiling Point:

3.36 X N-BUTYL ACETATE

Melt/Freeze Pt:

WATER

M.P/F.P Text:

N/K

Decomp Temp:

74.9

Decomp Text:

N/K

Vapor Pres:

N/K

Vapor Density:

>AIR

Volatile Org Content %:

3.36 X N-BUTYL ACETATE

Spec Gravity:

0.91477

VOC Pounds/Gallon:

WATER

PH: N/K

VOC Grams/Liter:

N/K

Viscosity:

*

Evaporation Rate & Reference:

3.36 X N-BUTYL ACETATE

Solubility in Water:

INSOLUBLE

Amber Liquid with Solvent Odor:

AMBER LIQUID WITH SOLVENT ODOR

Other Volatiles by Volume:

74.9

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

CONTACT WITH MOISTURE, MATERIAL WHICH REACT WITH ISOCYANATES AND HIGH TEMPERATURES.

Materials To Avoid:

WATER, AMINES, STRONG BASES, ALCOHOLS, METAL COMPOUNDS AND SURFACE ACTIVE MATERIALS.

Hazardous Decomposition Products:

5 BY HIGH HEAT/TEMPERATURE: CARBON MONOXIDE, CARBON DIOXIDE, AND OXIDES OF NITROGEN, TRACES OF HCN & HDI.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/K

Toxicological Information

Information:

N/P

MSDS/Transport Information

Information:

N/P

Regulatory Information

SDS Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Other Information:

N/P

Other