

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-167/1678-91-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
1678-91-7
Code:
M

RTECS:

Code:
X 2

Name:
ETHYL CYCLOHEXANE % low Wt: 10. Code: M % hi

Other REC Limits:
N/P

OSHA PEL:
SEE TABLE Z-2
Code:
T

OSHA STEL:
N/P
Code:
T

ACGIH TLV:
0.025 MG/M3
Code:
T

ACGIHSTEL:
NOT ESTABLISHED
Code:
T

Control Measures

Respiratory Protection:
NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE IF EXPOSURE LIMITS ARE EXCEEDED WHEN HANDLING BULK. NONE NECESSARY UNDER NORMAL CONDITIONS.

Ventilation:
MECHANICAL.

Protective Gloves:
CHEMICAL RESISTANT GLOVES WHEN HANDLING BULK. NONE NECESSARY UNDER NORMAL USE

Eye Protection:
NOT REQUIRED EXCEPT WHEN HANDLING BULK.

Other Protective Equipment:
Equipment NONE REQUIRED.

Work Hygienic Practices:
STANDARD GOOD INDUSTRIAL HYGIENE PRACTICE RECOMMENDED.

Supplemental Safety and Health:
NO DATA PROVIDED BY MANUFACTURER.

Health Hazards Data

LD50LC50Mixture:
NO DATA PROVIDED BY MANUFACTURER.

Route Of Entry Inds - Inhalation:
YES

Skin:
N/P

Ingestion:
N/P

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
SKIN: NOT A PRIMARY SKIN IRRITANT PER THE FHSA. EYES: NOT AN IRRITANT PER THE FSHA. INGESTION: HUMAN INGESTION HAZARD NOT KNOWN. INHALATION: NOT HAZARDOUS UNDER NORMAL USE CONDITIONS.

Explanation Of Carcinogenicity:
N/A.

Signs And Symptions Of Overexposure:
CENTRAL NERVOUS SYSTEM DEPRESSION; LIKELY ROUTE-INHALATION. DELIBERATELY CONCENTRATING AND INHALING CONTENT CAN LEAD TO UNCONSCIOUSNESS AND/OR DEATH.

Medical Cond Aggravated By Exposure:
EXISTING PULMONARY OR DERMAL CONDITION.

First Aid:
3 SKIN: WASH WITH SOAP AND WATER. CONSULT PHYSICIAN IF IRRITATION OCCURS AND PERSISTS. EYES: WASH WITH WATER. INGESTION: CONSULT PHYSICIAN AT ONCE. DO NOT INDUCE VOMITING. INHALATION: REMOVING VICTIM FR OM EXPOSURE. ALERT EMERGENCY MEDICAL PERSONNEL. ADMINISTER ARTIFICIAL RESPIRATION IF BREATHING IS SPED.

Spill Release Procedures:
HANDLE AS FLAMMABLE LIQUID AND DISPOSE OF PROPERLY. VENTILATE AREA.

Neutralizing Agent:
NO DATA PROVIDED BY MANUFACTURER..

Waste Disposal Methods:
DISPOSE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

Handling And Storage Precautions:
STORE AND TRANSPORT IN CLOSED CONTAINER. STORE IN VENTILATED AREA. AVOID HEAT, FIRE AND FUMES.

Other Precautions:
KEEP AWAY FROM CHILDREN.

Fire and Explosion Hazard Information

Flash Point Method:
TCC

Flash Point:
=-1.5C, 29.F

Flash Point Text:

Autoignition Temp:

Autoignition Temp Text:
N/P

Lower Limits:
0.9

Upper Limits:
9.75

Extinguishing Media:
CO2, FOAM, DRY CHEMICAL

Fire Fighting Procedures:
FLAMMABLE LIQUID. WEAR SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:
4 TOXIC COMBUSTION GAS MAY BE FORMED AS DECOMPOSITION PRODUCTS.

Physical/Chemical Properties

HCC:
F2

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:
=115.C, 239.F

B.P. Text:

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/P 5

Vapor Pres:
49 AT 68F

Vapor Density:
N/P

Volatile Org Content %:

Spec Gravity:
CORRECTION FLUID 1.288

VOC Pounds/Gallon:

PH: N/A

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
1.45

Solubility in Water:
PRACTICALLY INSOLUBLE

Appearance and Odor:
FREE FLOWING LIQUID WITH SOLVENT ODOR.

Percent Volatiles by Volume:
N/P

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HEAT SOURCE, SPARKS OR FLAME.

Materials To Avoid:
STRONG OXIDIZING OR REDUCING AGENTS.

Hazardous Decomposition Products:
TOXIC FUMES OR GASES.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NO DATA PROVIDED BY MANUFACTURER.

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