

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-108/108-21-4.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

108-21-4

Code:

M

RTECS:

AI4930000

Code:

M

Name:

ISOPROPYL ACETATE

Other REC Limits:

TLV150PPM PEL150PPM

OSHA PEL:

250 PPM/310 STEL

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

250 PPM/310STEL;9192

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NIOSH/MAHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN(FPN)

Ventilation:

VOL/PATTERN TO KEEP CONC.OF HZDUS INGRED BELOW THE LOWEST LEVEL LISTED.RME DECOMP PROD GENERATED WHEN HEATING.VENT VAPOR

Protective Gloves:

SOLVENT IMPERMEABLE GLOVES(FPN)

Eye Protection:

CHEMICAL WORKER GOGGLES(FPN)

Other Protective Equipment:

Equipment EYEWASH FACILITY,SAFETY SHOWER

Work Hygienic Practices:

N/P

Supplemental Safety and Health:

VAP-DENS:>1; WT/GL: 7L7 LBS. ALSO CONTAINS:ISOPROPYL ALCOHOL 1-11%,TLVS,400 PPM: ETHYL ACETATE 2-12%,TLV 400 PPM. MEETS TT-L- 32, TYPE II.

Health Hazards Data

LD50/LC50 Mixture:

N/P

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

INGEST:GI IRRITATION,NAUSEA&VOMITING,ASPIRATION INTO LUNG MAY CAUSE CHEM PNEUMONITIS,WHICH CAN BE FATAL. INHALE:ANESTHETIC,IRRITATION TO NOSE&THROAT,ACUTE NERVOUS SYSTEM DEPRESS.CHAR BY:HEADACHE,DIZZI NESS,CONFUSION,NAUSEA,UNCONSCIOUSNESS,AND ASPHYXIATION.EYE: MAY CAUSE IRRIT.SKIN:PRIMARY IRRITANT.DEFATTING&IRRIT OF SKIN

Explanation Of Carcinogenicity:

N/P

Signs And Symptoms Of Overexposure:

RPTED OVEREXPOSURE TO TOULENE MAY CAUSE LIVER DAMAGE.RPTS HAVE ASSOC PRLNGD/RPTED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS W/PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE.INTENTIONAL MISUSE BY DILIBERTELY CONC ENTRATING AND INHALING THE CONTENTS MAYHARMFUL OR FATAL. 5

Medical Cond Aggravated By Exposure:

TOULENE HAS BEEN FOUND TO CAUSE KIDNEY,LUNG AND SPLEN DAMAGE IN LABORATORY ANIMALS.

First Aid:

INGEST:CALL POISON CNTRL CENT,ER, OR PHYSICIAN IMMED. INHALE:RME TO FRESH AIR IMMED.IF BREATHING HAS SPED,GIVE ART RESP,KEEP WARM&QUIET,GET MED ATTN IMMED.EYE:FLUSH W/LRG AMTS OF H*20,LIFTING LIDS OCCASIONAAY.CONT FOR 15MIN.GET MED ATTN.SKIN:IMMED FLUSH THE CONTAMINATED AREA W/LRG AMTS OF H*20.RME CONTAMINATED CLOTHING AS H*20 IS APPLIED.GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

Spill Release Procedures:

WEAR PPE APPROPRIATE FOR EXPOSURE OF CONCERN.ELIMINATE SOURCES OF IGNITION.DIKE AND CONTAIN SPILL W/INERT MATERIALS.TRANS LIQUID TO COVERED METAL CONTAINER FOR RECOVERY OR DISPOSAL,OR RME W/INERT ABSO RBENTS.USC NONSPRK TOOLS.PLACE ABS (SEESUPP DATA)

Neutralizing Agent:

N/P

Waste Disposal Methods:

DISPOSE OF IAW FED,STATE,&LOCAL LAWS.INCINERATE ONLY IN EPA APPRVD FACILITY.DO NOT INCINERATE CLSD CONTAINER.CONTAMINATED ABSORBENT MAY BE DISPOSED OF IN A HZDOUS WST LANDFILL.

Handling And Storage Precautions:

DO NOT STORE ABOVE 95F/35C.STORE LARGE QUANTITIES IN COMPLIANCE W/OSHA 29CFR1910.106.

Other Precautions:

DO NOT TAKE INTERNALLY.CLOSE CONTAINERS AFTER USE.EMPTY CONTAINERS MUST NOT BE WASHED AND REUSED FOR ANY PURPOSE.CONTAINERS SHOULD BE GROUNDED AND BONDED TO THE RECEIVING CONTAINER.DO NOT WELD,BRAZE,O R CUT ON EMPTY CONTAINER.(SEE SUPP DATA)

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

20F/-6.6C CAL

Autoignition Temp:

N/K

Autoignition Temp Text:

N/K

Lower Limits:

N/K

Upper Limits:

N/K

Extinguishing Media:

6 CO²,DRY CHEM,ALCOHOL FOAM, POLYMER FOAM IS PREFERRED FOR LARGE FIRES.

Fire Fighting Procedures:

FIREFIGHTERS SHOULD WEAR SCBA.H*20 MAY BE INEFFECTIVE,MAY BE USED TO COOL EXPOSURE CONTS TO PVNT PRESSURE BUILDUP & POSS AUTOIGNITION OR EXPLO WHEN (SEE SUPP DATA)

Unusual Fire/Explosion Hazard:

DURING EMER CONDITIONS,OVEREXPOS TO DECOMP PRODT MAY CAUSE A HLTH HZD.SYMPTOMS MAY NOT BE IMMED APPARENT.OBTAIN MEDICAL ATTENTION.

Physical/Chemical Properties

HCC:

7 F2

NRC/State LIC No:

N/A

Net Prop WT For Ammo:

N/P

Boiling Point:

180F-428F

Melt / Freeze Pt:

N/K

M.P/F.P Text:

N/K

Decomp Temp:

N/A

Decomp Text:

N/A

Vapor Pres:

N/K

Vapor Density:

>AIR

Volatile Org Content %:

N/K

Spec Gravity:

0.91

VOC Pounds/Galon:

N/K

PH:

N/P

VOC Grams/Liter:

N/K

Viscosity:

N/K

Evaporation Rate & Reference:

SLOWER THAN ETHER

Solubility in Water:

N/K

Appearance and Odor:

N/K

Percent Volatiles by Volume:

N/P

Corrosion Rate:

N/P

Reactivity Data:

Stability Indicator:

YES

Avoid Excessive Heat And Sources of Ignition:

AVOID EXCESSIVE HEAT AND SOURCES OF IGNITION.

Materials To Avoid:

STRONG ACIDS OR ALKALINE MATERIALS. OXIDIZING MATERIALS.

Hazardous Decomposition Products:

BURNING,INCL WHEN HEATED BY WELDING OR CUTTING,WILL PROD SMOKE,CO,CO²,OF NITROGEN MAY BE GENERATED.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

KEEP AWAY FROM HEAT SPARKS AND FLAME.

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

Other Information:

N/P

Other Information:

N/P

Other Information: