

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-78/78-59-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

78-59-1

Code:

M

RTECS:

GW7700000

Code:

M

Name:

ISOPHORONE (SARA III)

Other REC Limits:

N/P

OSHA PEL:

25 PPM

Code:

M

OSHA STEL:

N/A

Code:

ACGIH TLV:

C 5 PPM; 9293

Code:

M

ACGIHSTEL:

N/P

Code:

Control Measures

Respiratory Protection:

CONFINED AREAS-USE APPROVED AIRLINE RESPIRATOR OR HOODS

Ventilation:

DILUTION OR LOCAL EXHAUST TO KEEP TLV & LEL BELOW LIMITS.

Protective Gloves:

IF SKIN CONTACT

Eye Protection:

SPLASH-PROOF GOGGLES

Other Protective Equipment:

Equipment PREVENT PROLONGED SKIN CONTACT WITH CONTAMINATED CLOTHING.

Work Hygienic Practices:

N/P

Supplemental Safety and Health:

FLASHPOINT GIVEN FOR ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE (LOWEST). LEL LISTED FOR ISOPHORONE (LOWEST). VAPORS ARE DENSER THAN AIR. HIGHEST INDICATED VAPOR PRESSURE IS 2.7 MMHG AT 100F.

Health Hazards Data

LD50LC50Mixture:

N/P

Route Of Entry Inds - Inhalation:

N/P

Skin:

N/P

Ingestion:

N/P

Carcinogenicity Inds - NTP:

N/P

IARC:

N/P

OSHA:

N/P

Health Hazards Acute And Chronic:

N/P

Explanation Of Carcinogenicity:

N/P

Signs And Symptions Of Overexposure:

VAPOR OR SKIN ABSORPTION CAN CAUSE DAMAGE TO LIVER, KIDNEYS, & BLOOD. PRIMARY SKIN & EYE IRRITANT.

Medical Cond Aggravated By Exposure:

N/P

First Aid:

FUMES: MOVE TO FRESH AIR, RESTORE BREATHING, KEEP WARM & QUIET, CALL PHYSICIAN. EYES: FLUSH W/WATER FOR AT LEAST 15 MIN. & CALL PHYSICIAN. SKIN CONTACT: WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLO THING.

Spill Release Procedures:

4 VENTILATE AREA. REMOVE ALL SOURCES OF IGNITION (FLAMES; ELECTRICAL, STATIC, OR FRICTIONAL SPARKS, HOT SURFACES). AVOID BREATHING VAPORS. REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS.

Neutralizing Agent:

N/P

Waste Disposal Methods:

DO NOT INCINERATE CLOSED CONTAINERS. DISPOSE IN ACCORDANCE WITH FED, STATE & LOCAL REGULATIONS.

Handling And Storage Precautions:

DO NOT STORE ABOVE 120F. STORE LARGE QUANTITIES IN AREAS DESIGNED FOR 2 FLAMMABLE LIQUIDS.

Other Precautions:

DO NOT TAKE INTERNALLY. GROUND CONTAINERS WHEN POURING. AVOID FREEFALL OF LIQ. IN EXCESS OF A FEW INCHES. DO NOT FLAME-CUT, BRAZE, OR WELD COATED SURFACES WITHOUT APPROVED RESP. OR VENTILATION

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

120F TCC

Autoignition Temp:

Autoignition Temp Text:

N/A

Lower Limits:

0.80

Upper Limits:

Extinguishing Media:

NFPA CLASS B EXTINGUISHERS; CO*2, DRY CHEMICAL OR FOAM

Fire Fighting Procedures:

FOR NFPA CLASS 1B FLAMMABLE LIQUIDS WATER MAY BE INEFFECTIVE

Unusual Fire/Explosion Hazard:

KEEP CONTAINERS CLOSED. ISOLATE FROM HEAT,FLAME,SPARKS,ELECTRICAL EQUIPMENT AND HOT SURFACES.

Physical/Chemical Properties

HCC:

F4

NRC/State LIC No:

N/A

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:

298-428F

Melt/Freeze Pt:

M.P/F.P Text:

N/A

Decomp Temp:

Decomp Text:

N/A

Vapor Pres:

N/P

Vapor Density:

N/P 6

Volatile Org Content %:

Spec Gravity:

N/P

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:

N/P

Evaporation Rate & Reference:

SLOWER THAN ETHER

Solubility in Water:

N/P

Appearance and Odor:

WHITE LIQUID LACQUER INK

Percent Volatiles by Volume:

65.0

Corrosion Rate:

N/P

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

N/P

Materials To Avoid:

N/P

Hazardous Decomposition Products:

CO, OXIDES OF NITROGEN, TOXIC FUMES WHEN HEATED TO DECOMPOSE

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/A

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