

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-108/108-20-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
108-20-3
Code:
M

RTECS:
TZ5425000
Code:
M

Name:
ISOPROPYL ETHER

Other REC Limits:
250 PPM

OSHA PEL:
2100 MG/CUM
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
1040 MG/CUM
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
N/R

Ventilation:
LOCAL EXHAUST: NECESSARY. MECHANICAL (GENERAL): ACCEPTABLE

Protective Gloves:
IMPERVIOUS

Eye Protection:
STANDARD GOGGLES OR FACE SHIELD

Other Protective Equipment:
Equipment APRON, SHOES

Work Hygienic Practices:
WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:
BOILING RANGE: 276-478F.

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
INHALATION: ANESTHETIC, IRRITATION RESPIRATORY TRACT, NERVOUS SYSTEM DEPRESSION, DAMAGE TO KIDNEYS, BLOOD, NERVES, LIVER/LUNGS. SKIN: IRRITATION, DEFATTING, DERMATITIS, ABSORPTION. EYES: REDNESS, TEAR ING, BLURRED VISION, IRRITATION. INGESTION: HARMFUL OR FATAL, ABDOMINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA/POISON.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
INHALATION: ANESTHETIC, IRRITATION RESPIRATORY TRACT, NERVOUS SYSTEM DEPRESSION, DAMAGE TO KIDNEYS, BLOOD, NERVES, LIVER/LUNGS. SKIN: IRRITATION, DEFATTING, DERMATITIS, ABSORPTION. EYES: REDNESS, TEAR ING, BLURRED VISION, IRRITATION. INGESTION: HARMFUL OR FATAL, ABDOMINAL IRRITATION, NAUSEA, VOMITING & DIARRHEA.

Medical Cond Aggravated By Exposure:
N/K

First Aid:
SKIN/EYES: FLUSH W/PLENTY OF WATER FOR 15 MINS. INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT GIVE OXYGEN. IF BREATHING HAS SPED GIVE ARTIFICIAL RESPIRATION. INGESTION: NEVER GIVE ANYT HING BY MOUTH TO AN UNCONSCIOUS PERSON.OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
S SPILL AT SOURCE. DIKE AREA & CONTAIN. PUMP SPILLED LIQUID & PUT CONTAMINATED SOIL IN DOT APPROVED CONTAINERS FOR DISPOSAL. CLEAN UP REMAINDER W/ABSORBENT MATERIALS.

Neutralizing Agent:
N/K

Waste Disposal Methods:
DISPOSE OF WASTE BY LEGAL METHODS COMPLYING W/LOCAL, STATE & FEDERAL REGULATIONS. FLAMMMABLE LIQUID, NA1993.

Handling And Storage Precautions:
STORE LARGE AMOUNTS IN STRUCTURES MADE FOR OSHA CLASS IB LIQUIDS. AVOID FREE FALL OF LIQUIDS. GROUND CONTAINERS WHEN TRANSFERRING.

Other Precautions:
DON'T FLAME CUT, SAW, DRILL, BRAZE OR WELD. EMPTY CONTAINER VERY HAZARDOUS. PUT OUT PILOT LIGHTS & TURN OFF IGNITION SOURCES DURING USE & UNTIL ALL VAPORS ARE GONE. AVOID BREATHING OF VAPOR OR SPRAY M IST, CONTACT W/SKIN & EYES.

Fire and Explosion Hazard Information

Flash Point Method:
TCC

Flash Point:

Flash Point Text:
-18F 3

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
1%

Upper Limits:
N/K

Extinguishing Media:
NFPA CLASS B EXTINGUISHERS CO2 OR FOAM FOR CLASS IB LIQUID FIRES.

Fire Fighting Procedures:
WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE. FULL PROTECTIVE CLOTHING & SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:
KEEP CONTAINER TIGHTLY CLOSED. CLOSED CONTAINERS MAY EXPLODE IF EXPOSED TO EXTREME HEAT. APPLYING TO HOT SURFACE REQUIRES. VAPORS MAY IGNITE EXPLOSIVELY.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
SEE SUPP

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
17.2

Vapor Density:
5.7

Volatile Org Content %:

Spec Gravity:
0.804

VOC Pounds/Gallon:

PH: N/K 4

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
NEGILIGIBLE

Appearance and Odor:
LIQUID, WATER-WHITE AROMATIC ODOR.

Percent Volatiles by Volume:
100%

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HEAT, SPARKS, ELECTRIC EQUIPMENT, OPEN FLAME, HOT SURFACES. DON'T STORE >120F.

Materials To Avoid:
STRONG OXIDIZERS SUCH AS PERMANGANATES, CHROMATES &PEROXIDES

Hazardous Decomposition Products:
CO, CO2

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

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

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WARRANTY
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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