

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-686/68647-72-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

68647-72-3

Code:

M

RTECS:

Code:

X

Name:

ALIPHATIC HYDROCARBON TRADE SECRET REG #:80100071

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:

ACGIH TLV: NOT ESTABLISHED

Code:

1 OSHA STEL:

ACGIH TLV:

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NONE SPECIFIED BY MANUFACTURER.

Ventilation:

NORMAL ROOM VENTI IS ADEQUATE.USE FANS OR OTHER MECHANICAL VENTILATION IN ENCLOSED AREAS WHERE LG QUANT OF PROD ARE USED

Protective Gloves:

SOLVENT RESISTANT GLOVES.

Eye Protection:

SAFETY GLASSES.

Other Protective Equipment:

Equipment NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:

NONE SPECIFIED BY MANUFACTURER. 3

Supplemental Safety and Health:

N/P

Health Hazards Data

LD50/LC50 Mixture:

ORAL LD50 (RAT) >5G/KG OF BODY WT.

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

EYE:IRRIT,TEARING,REDNESS. SKIN:PROL/REPEAT CONTACT CAUSE DEFATTING/DRYING.CONT DRYNESS CAUSE DERM,INHAL:EXCESSIVE VAP INHAL IRRIT RESP TRACT,NAU,DIZZ,HEAD,INGEST:PRODUCT LOW ORDER OF ACUTE ORAL TOXICITY BUT INGEST OF LG QUANT MAY CAUSE NAU,VOMIT,GASTROINTESTINAL IRRIT.ASPIRATED INTO LUNGS.

Explanation Of Carcinogenicity:

N/P

Signs And Symptoms Of Overexposure:

EYE-IRRITATING, TEARING, REDNESS. SKIN-DEFATTING, DRYING, DERMATITIS. INHAL:IRRITATE RESPIRATORY TRACT, NAUSEA, DIZZINESS, HEADACHE. LARGE QUANTITITES INGESTED NAUSEA, VOMITING, GASTROINTESTINAL IRRITATION. ASPIRATION HAZARD INTO LUNGS.

Medical Cond Aggravated By Exposure:

NONE SPECIFIED BY MANUFACTURER.

First Aid:

EYE:FLUSH W/WATER FOR 15MINS.IRRIT PERSIST CONTACT PHYSICIAN. SKIN:WASH THROUGHLY W/SOAP/WATER.REMOVE CONTAMN CLOTH. INHAL:IF AFFECTED BY VAP GET TO FRESH AIR. IF BREATHING DIFFICULT SEE PHYSICIAN. ING EST:DO NOT INDUCE VOMIT.PRODUCT CONTAINS HYDROCARBON.CONSULT PHYSICIAN.

Spill Release Procedures:

REMOVE IGN SOURCES,CONTAIN SPILL,RECOVER FREE PRODUCT.ABSORB W/SUITABLE CHEM ABSORBENT FOR DISPOSAL VIA INCINERATION/BURIAL IN APPROVED LANDIFLL.OBSERVE LOC/STATE/FED REGS.WATER:REMOVE BY SKIMMING/USE OF USITABL ABSORBENT.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER. 2

Waste Disposal Methods:

OBSERVE LOCAL, STATE AND FEDERAL REGULATIONS. CERCLA:NOT REPORTABLE.RECOMMEND CONTACT LOC AUTHORITIES TO DETERMINE IF THERE MAY BE OTHER LOCAL REPORTING REQMTS.

Handling And Storage Precautions:

KEEP OUT OF REACH OF CHILDREN.UNKN ELECTROSTATIC ACCUMULATION HAZ:USE PROPER GROUNDING PROCEDURES.STORAGE TEMP:AMBIENT.

Other Precautions:

KEEP AWAY FROM HEAT SOURCES/OPN FLAMES/OTHER IGN SOURCES. PHOTOCHEMICALLY REACTIVE MATL PRESENT-YES, <10%.

Fire and Explosion Hazard Information

Flash Point Method:

TCC

Flash Point:

Flash Point Text:

144F,62C

Autoignition Temp:

Autoignition Temp Text:

410F

Lower Limits:

1.3

Upper Limits:

8.9

Extinguishing Media:

EXTINGUISH WITH CO2, FOAM OR DRY CHEMICAL. CLASS B FIRE PROCEDURES.

Fire Fighting Procedures:

EXTINGUISH WITH CO2, FOAM, OR DRY CHEMICAL. CLASS B FIRE PROCEDURES.

Unusual Fire/Explosion Hazard:

COMBUSTIBLE LIQUID. CAN FORM COMBUSTIBLE MIXTURES AT OR ABOVE FLASH POINT.

Physical/Chemical Properties

HCC:

V4

NRC/State Lic No:

N/R

Net Prop WT for Ammo:

Boiling Point:

B.P./F.P. Text:

320F,193C

Melt/Freeze Pt:

Decomp Temp:

Decomp Text:

N/P

Vapor Pres:

<1

Vapor Density:

>1

Volatile Org Content %:

Spec Gravity:

0.76

VOC Pounds/Gallon:

PH:

N/A

VOC Grams/Liter:

756

Viscosity:

N/P

Evaporation Rate & Reference:

3.2,(N-BUTYL ACETATE=100)

Solubility in Water:

NON-SOLUBLE

Appearance and Odor:

COLORLESS LIQUID W/CHARACTERISTIC ODOR.

Percent Volatiles by Volume:

100

Corrosion Rate:

N/P

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

KEEP AWAY FROM HEAT SOURCES, OPEN FLAMES, OTHER IGNITION SOURCES.

Materials To Avoid:

STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:

SMOKE, CARBON MONOXIDE AND CARBON DIOXIDE

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

NOT APPLICABLE

Toxicological Information

Information:

N/P

Information:

N/P