

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-513/5131-66-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
5131-66-8
Code:
M

RTECS:
UA7700000
Code:
M

Name:
1-BUTOXY-2-PROPANOL

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
USE SELF-CONTAINED BREATHING APPARATUS IF WORKING IN AN AREA W/EXTREMELY HIGH VAPOR CONCENTRATIONS.

Ventilation:
LOCAL OR MECHANICAL VENTILATION TO KEEP INGREDIENTS BELOW THEIR EXPOSURE LIMITS.

Protective Gloves:
BUTYL LINED GLOVES RECOMMENDED.

Eye Protection:
HEMICAL GOGGLES. (PREVENT EYE CONTACT)

Other Protective Equipment:
Equipment N/A.

Work Hygienic Practices:
USE IN WELL VENTILATED AREAS. USE GOOD LAB PRACTICES WHEN DEALING WITH THIS PRODUCT.

Supplemental Safety and Health:
THIS PRODUCT IS FLAMMABLE BY IATA REGULATION 3.2.5.2A. IT IS NOT FLAMMABLE PER THE FLAME EXTENSION TEST (IATA 3.2.5.2B). SINCE THE HAZARD COMMUNICATION CODE SHOULD REFLECT TRANSPORTATION, THIS PRODUCT IS CLASSSED AS A NON-FLAMMABLE AEROSOL(FAILING FLAME EXTENSION TEST).

Health Hazards Data

LD50LC50Mixture:
PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
EYE:PRIMARY IRRITATION. SKIN:PRIMARY IRRITATION. PROLONGED &/OR REPEATED CONTACT MAY CAUSE DERMATITIS. INHALATION:TEMPORARY NERVOUS SYSTEM DEPRESSION W/ANESTHETIC EFFECTS SUCH AS DIZZINESS, HEADACHE, NAUSEA. HIGH CONCENTRATIONS MAY CAUSE NARCOSIS, CARDIAC IRREGULARITIES. INGESTION:MFR GAVE NO INFORMATION OF MSDS.

Explanation Of Carcinogenicity:
MFR GAVE THE ABOVE LISTINGS ON THE MSDS BUT NO OTHER COMMENTS ABOUT CARCINOGENICITY WERE RECORDED.

Signs And Symptions Of Overexposure:
EYE:FROSTBITE, IRRITATION, PAIN, BURNING SENSATION. SKIN:DRYING & FLAKING. INHALATION:NAUSEA OR DIZZINESS FROM HIGH CONCENTRATION. INGESTION: ?NIMAL ANISTHETIC/NARCOTIC EFFECTS SUCH AS DIZZINESS, HEADACHE FROM 500-1000PPM. OVER 1000PPMCAN CAUSE DIZZINESS, POSSIBLE CARDIAC ARRHYTHMIAS.

Medical Cond Aggravated By Exposure:
4 NONE KNOWN.

First Aid:
VAPORS:REMOVE FROM EXPOSURE & RESTORE BREATHING. SEEK MEDICAL ATTN. DO NOT ADMINISTER EPINEPHRINE. EYE:FLUSH IMMED W/WATER 15 MIN & TAKE TO PHYSICIAN. SKIN:WASH AREA. TREAT FOR FROSTBITE IF NECESSARY & CONSULT PHYSICIAN IF IRRITATION PERSISTS. INGESTION:CALL PHYSICIAN &/OR TRANSPORT TO EMERGENCY FACILITY IMMEDIATELY. DO NOT INDUCE VOMITING AS TO AVOID ASPIRATION OF MATERIAL INTO LUNGS.

Spill Release Procedures:
VENTILATE AREA. DO NOT FLUSH INTO SEWERS. COLLECT SPILL IN ABSORBENT MATERIAL & TRANSFER TO STEEL DRUMS.

Neutralizing Agent:
MFR GAVE NO INFORMATION OF MSDS.

Waste Disposal Methods:
SPILLED MATERIAL COLLECTED IN ABSORBENT MATERIAL SHOULD BE TRANSFERED TO STEEL DISPOSAL OR RECOVERY DRUMS. CONSULT ALL LOCAL, STATE & FEDERAL REGULATIONS FOR PROPER DISPOSAL OR RECOVERY.

Handling And Storage Precautions:
DO NOT STORE >120F. DO NOT STORE OR USE NEAR HEAT/SPARKS/FLAMES. AVOID BREATHING VAPORS. VAPORS ARE HEAVIER THAN AIR & COLLECT IN LOW/CONFINED AREAS.

Other Precautions:
DO NOT GET IN EYES OR ON SKIN. DO NOT TAKE INTERNALLY. PROFESSIONAL USE ONLY. USE ONLY AFTER PROPER TRAINING & INSTRUCTION IN SAFE HANDLING. STORE OUT OF REACH OF CHILDREN DO NOT SMOKE OR USE FLAME WHILE USING THIS PRODUCT.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

N/D

Autoignition Temp:

Autoignition Temp Text:

N/K

Lower Limits:

1.1

Upper Limits:

19.0

Extinguishing Media:
5 FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG.

Fire Fighting Procedures:
USE STANDARD FIREFIGHTING TECHNIQUES TO FIGHT FIRE INVOLVING MATERIAL. THIS IS A LEVEL 1 AEROSOL.

Unusual Fire/Explosion Hazard:
FLAMMABLE VAPORS. VAPORS ARE HEAVIER THAN AIR & CAN TRAVEL ALONG SURFACES TO IGNITION SOURCES & FLASH BACK. (SEE SUPP DATA.)

Physical/Chemical Properties

HCC:
6 V2

NRC/State LIC No:
NONE

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
-13F,-25C

Melt/Freeze Pt:

M.P/F.P Text:
UNKNOWN

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
UNKNOWN

Vapor Density:
>AIR

Volatile Org Content %:

Spec Gravity:
0.9

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
UNKNOWN

Evaporation Rate & Reference:
FASTER THAN ETHER

Solubility in Water:
NEGLEGIBLE

Appearance and Odor:
GRAY GREEN LIQUID W/ALCOHOL ODOR

Percent Volatiles by Volume:
N/K

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HEAT, SPARKS, FLAME.

Materials To Avoid:
CONCENTRATED NITRIC SULFURIC ACIDS, STRONG OXIDIZERS, HALOGENS HALOGEN COMPOUNDS.

Hazardous Decomposition Products:
CARBON MONOXIDE, CARBON DIOXIDE

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
WILL NOT OCCUR.

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