

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-513/513-66-8.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

ACGIH STEL:

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 PRODUC T IS CLASSED AS A NON-FLAMMABLE AEROSOL(FAILING FLAME EXTENSION TEST).

Health Hazards Data

LD50/LC50/Mixture:

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 SYSTEN 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 Symptoms Of Overexposure:

EYE:FROSTBITE, IRRITATION, PAIN, BURNING SENSATION. SKIN:DYING & FLAKING. INHALATION:NAUSEA OR DIZZINESS FROM HIGH CONCENTRATION. INGESTION: ?NIMAL ANESTHETIC/NARCOTIC EFFECTS SUCH AS DIZZINESS, HEADACHE FROM 500-1000PPM. OVER 1000PPM CAN 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 TRANSFERRED 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:

N/D

Autoignition Temp:

N/K

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:

N/D

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

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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

Information:

N/P

Physical/Chemical Properties

HCC:

6 V2

NRC/State Lic No:

NONE

Net Prop WT For Ammo:

N/D

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YES

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