

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-299/29911-28-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
29911-28-2
Code:
M

RTECS:
UA8200000
Code:
M

Name:
2-PROPANOL,1-(2-BUTOXY-1-METHYLETHOXY)

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:
NONE NEEDED FOR PROPER USE IN ACCORDANCE WITH LABEL DIRECTIONS.

Ventilation:
PROVIDE LOCAL EXHAUST TO KEEP TLV BELOW ACCEPTABLE LIMITS.

Protective Gloves:
USE CHEMICAL RESISTANT GLOVES.

Eye Protection:
SPLASH GOGGLES MAY BE NEEDED.

Other Protective Equipment:
Equipment 5 NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:
USE GOOD INDUSTRIAL HYGIENE PRACTICE. AVOID UNNECESSARY CINTACT . AVOID BREATHING VAPORS.

Supplemental Safety and Health:
CONSUMER COMMODITY.

Health Hazards Data

LD50LC50Mixture:
MINIMAL TOXICITY.

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO 3

Health Hazards Acute And Chronic:
EYES-FLUSH WITH LARGE AMOUNTS OF RUNNING WATER FOR AT LEAST 15 MIN. IF IRRITATION PERSISTS GET MEDICAL ATTENTION IMMEDIATELY. SKIN-WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS SEEK MEDICAL ATTENTI ON. INHALATION-REMOVE TO FRESH AIR. SEEKMEDICAL ATTENTION IMMEDIATELY. IF BREATHING SS GIVE ARTIFICIAL RESPIRATION. INGESTION-DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION IMMEDIATELY.

Explanation Of Carcinogenicity:
NOT CARCINOGENIC.

Signs And Symptions Of Overexposure:
NHALED: DIZZINESS, NAUSEA AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS. INGESTION: NAUSEA, VOMITING AND DIARRHEA. ASPIRATION OF MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITIS.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
EYES-FLUSH WITH LARGE AMOUNTS OF RUNNING WATER FOR AT LEAST 15 MIN. IF IRRITATION PERSISTS GET MEDICAL ATTENTION IMMEDIATELY. SKIN-WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS SEEK MEDICAL ATTENTI ON. INHALATION-REMOVE TO FRESH AIR. SEEKMEDICAL ATTENTION IMMEDIATELY. IF BREATHING SS GIVE ARTIFICIAL RESPIRATION. INGESTION-DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION IMMEDIATELY.

Spill Release Procedures:
ALLOW PROPELLANT TO EVAPORATE. MAINTAIN LOCAL EXHAUST AND ADEQUATE VENTILATION. COVER WITH ABOSRBENT MATERIAL AND SWEEP UP. WASH AREA TO PREVENT SLIPPING. DISPOSE OF SOAKED ABSORBENT MATERIAL IN ACCOR DANCE WITH FEDERAL, STATE AND LOCAL LAWS.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
AEROSOL CANS, WHEN EMPTIED AND DEPRESSURIZED THROUGH NORMAL USE, POSE NO DISPOSAL HAZARD AND SHOULD BE RECYCLED. CONSULT FEDERAL, STATE AND LOCAL AUTHORITIES FOR APPROVED PROCEDURES.

Handling And Storage Precautions:
STORE IN A COOL, DRY AREA AWAY FROM HEAT OR OPEN FLAMES. DO NOT STORE AT TEMPERATURES ABOVE 120F. FOR INDUSTRIAL AND INSTITUTIONAL

Other Precautions:
4 KEEP OUT OF REACH OF CHILDREN.

Fire and Explosion Hazard Information

Flash Point Method:
TOC

Flash Point:

Flash Point Text:
212F,100C

Autoignition Temp:

Autoignition Temp Text:
N/K

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
FOAM, CARBON DIOXIDE, DRY MEDIA.

Fire Fighting Procedures:
WEAR SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. COOL FIRE EXPOSED CONTAINERS TO PREVENT RUPTURING.

Unusual Fire/Explosion Hazard:
EXPOSURE TO TEMPERATURES ABOVE 120F MAY CAUSE BURSTING.

Physical/Chemical Properties

HCC:
V3

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:
=100.C, 212.F

B.P. Text:

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
50 PSIG

Vapor Density:
>1

Volatile Org Content %:

Spec Gravity:
0.990

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/R

Evaporation Rate & Reference:
N/K

Solubility in Water:
COMPLETE

Appearance and Odor:
CLEAR LIQUID/MILD ODOR.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
TEMPERATURES OVER 120F. 6

Materials To Avoid:
AVOID CONTACT WITH STRONG OXIDIZERS AGENTS.

Hazardous Decomposition Products:
CARBON DIOXIDE, CARBON MONOXIDE.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NONE.

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