

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-463/463-49-0.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

463-49-0

Code:

M

RTECS:

Code:

X

Name:

PROPADIENE(ONE OF THE CONSTITUENTS OF THE METHYL

Other REC Limits:

N/P

OSHA PEL:

N/P

Code:

OSHA STEL:

Code:

ACGIH TLV:

N/P

Code:

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NOT NORMALLY REQUIRED. DO NOT ENTER AREA OF HIGH "MAPP" CONCENTRATION UNTIL FIRST PURGING WITH INERT GAS & THEN VENTILATING WITH AIR.

Ventilation:

PROVIDE LOCAL EXHAUST OR MECHANICAL VENTILATION IF WELDING OR CUTTING IN CONFINED AREAS WHERE TLV'S MAY BE EXCEEDED.

Protective Gloves:

LEATHER GLOVES WHEN WELDING,CUTTING/BRAZ

Eye Protection:

SAFETY GLASSES W/FILTER LENS #4 OR MORE

Other Protective Equipment:

Equipment 5 APPROPRIATE TYPE APRON.

Work Hygienic Practices:

N/P

Supplemental Safety and Health:

16 OZ "MAPP GAS" CYLINDER IS PART OF KIT (MKT-4L); UNIWELD OBTAINS "MAPP GAS" FROM THE MFR. CITED ON THE MSDS.

Health Hazards Data

LD50LC50Mixture:

N/P

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO 3

Health Hazards Acute And Chronic:

A CENTRAL NERVOUS SYSTEM DEPRESSANT & IRRITANT; BEING A SIMPLE ASPHYXANT, INHALATION AT HI-CONC. SO AS TO EXCLUDE AN ADEQUATE SUPPLY OF OXYGEN TO THE LUNGS WILL CAUSE UNCONSCIOUSNESS, & POSSIBLE DEAT H; REPEATED EXPOSURE TO TOLERABLE LEVELS HAS NOT SHOWN DELETERIOUS EFFECTS.

Explanation Of Carcinogenicity:

N/P

Signs And Symptoms Of Overexposure:

INHAL: A CNS DEPRESSANT & IRRITANT; LOW CONC. WILL CAUSE EXCITEMENT & DISORIENTATION; EYE/SKIN: CONTACT W/LIQUID WILL CAUSE FROSTBITE, IRRITATION, OR BLINDNESS.

Medical Cond Aggravated By Exposure:

NONE LISTED.

First Aid:

INHAL: ESCORT CONSCIOUS PARTIES TO AN UNCONTAMINATED AREA & INHALE FRESH AIR. QUICK REMOVAL FROM THE CONTAMINATED AREA IS MOST IMPORTANT. FOR UNCONSCIOUS INDIVIDUAL GIVE CPR/O2 AS SITUATION DICTATES.; SKIN FOR DERMAL CONTACT OR FROSTBITE, REMOVE CONTAMINATED CLOTHING & FLUSH AFFECTED AREAS W/LUKEWARM WATER. DO NOT USE HOT WATER.

Spill Release Procedures:

EVACUATE ALL PERSONNEL FROM AFFECTED AREA. USE APPROPRIATE PROTECTIVE EQUIPMENT. IF LEAK IS IN USER'S EQUIPMENT, BE CERTAIN TO PURGE PIPING W/ AN INERT GAS PRIOR TO ATTEMPTING REPAIRS. IF LEAK IS IN CO NTAINER OR CONTAINER VALVE, CONTACT CLOSEST SUPPLIR

Neutralizing Agent:

N/P

Waste Disposal Methods:

DO NOT ATTEMPT TO DISPOSE OF WASTE OR UNUSED QUANTITIES. RETURN IN THE SHIPPING CONTAINER PROPERLY LABELED, W/ VALVE PROTECTION CAP IN PLACE TO SUPPLIER FOR PROPER DISPOSAL.

Handling And Storage Precautions:

USE ONLY IN WELL VENTILATED AREA & PROTECT FROM PHYSICAL DAMAGE. STORE IN COOL, DRY, WELL VENTILATED AREA OF NON-COMBUSTIBLE CONSTRUCTION.

Other Precautions:

4 STORAGE TEMPERATURE IS NOT TO EXCEED 130F/54C. EARTH-GROUND & BOND ALL LINES & EQUIPMENT ASSOCIATED W/FUEL GAS SYSTEM. THIS FUEL GAS SHOULD NOT BE HANDLED OR USED IN METALS WHICH FORM ACETYLIDES(EG. C U, AG, MG OR THEIR ALLOYS).

Fire and Explosion Hazard Information

Flash Point Method:

CC

Flash Point:

Flash Point Text:

144F/62.2C

Autoignition Temp:

Autoignition Temp Text:

850F

Lower Limits:

3.0

Upper Limits:

11.0

Extinguishing Media:

WATER FOG, DRY CHEMICAL, FOAM

Fire Fighting Procedures:

DO NOT EXTINGUISH.KEEP CYLINDER COOL W/WATER FOG,IF FLAME EXTINGUISHED,REMOVE ALL IGNITION SOURCES & ALLOW CONTENTS TO VENT; INCREASE VENTL TO PRVNT FLAM MX.

Unusual Fire/Explosion Hazard:

GAS IS HEAVIER THAN AIR & MAY TRAVEL A CONSIDERABLE DISTANCE TO AN IGNITION SOURCE.

Physical/Chemical Properties

HCC:

G2

NRC/State LIC No:

Net Prop WT For Ammo:

N/P

Boiling Point:

B.P. Text:

-54 TO -10F

Melt/Freeze Pt:

M.P./F.P. Text:

-184F/-120C

Decomp Temp:

Decomp Text:

N/A

Vapor Pres:

97PSIG/70F

Vapor Density:

0.11LB/FT3

Volatile Org Content %:

Spec Gravity:

1.48G/1.571L

VOC Pounds/gallon:

VOC Pounds/Gal:

pH:

N/P

Viscosity:

N/R

Evaporation Rate & Reference:

N/P

Solubility in Water:

Slight

Appearance and Odor:

COLORLESS GAS W/CHARACTERISTIC UNPLEASANT ODOR.

Percent Volatiles by Volume:

100%

Corrosion Rate:

N/P

Reactivity Data

Stability Indicator:

YES 6

Stability Condition To Avoid:

MFR CITES NONE; IGNITION SOURCES, HI-TEMPERATURES (FP D)

Materials To Avoid:

NATURAL RUBBER; COPPER ALLOY >65% COPPER; SILVER; MERCURY; HALOGENS; ACIDS; METALLIC SODIUM, POTASSIUM, POTAS.

Hazardous Decomposition Products:

NONE

Hazardous Polymerization Indicator:

NO

N/P:

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

Other Information

Other Information:

N/P

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