MATERIAL SAFETY DATA SHEET For R&D use only. Not for drug, household or other uses.

Click http://www.lookchem.com/cas-95/95-47-6.html for suppliers of this product.

Composition/Information on Ingredient

Code: Τ

Name: O-XYLENE

NΡ

OSHA PEL:

Ventilation:

Protective Gloves:

Eye Protection:

&CLOTHING.

LD50LC50Mixture:

YES

Skin: YES

YES

NO

IARC: YES

OSHA: NO

First Aid:

Spill Release Procedures:

Neutralizing Agent:

Other Precautions:

Flash Point Method:

N/P 4

TCC

Flash Point: =36.7C, 98.F

Flash Point Text:

Autoignition Temp:

Autoignition Temp Text:

=340.C, 644.F

Lower Limits:

Upper Limits: 4.9%+/-.25

Extinguishing Media:

Fire Fighting Procedures:

Unusual Fire/Explosion Hazard:

CARBON MONOXIDE OR CO2.

USE DRY CHEMICAL FOAM OR CO2 EXTINGUISHING MEDIA.

Physical/Chemical Properties

CONTAMINATED BUILDINGS, AREA, AND EQUIPMENT UNTIL DECONTAMINATED.

1.3%

HCC:

N/P 5

NRC/State LIC No:

Boiling Point:

Melt/Freeze Pt:

M.P/F.P Text:

Decomp Temp:

Decomp Text:

Vapor Pres:

Vapor Density:

Spec Gravity: 7.80LBS/GAL

PH: 7-8

Viscosity:

N/P

N/P

N/P

YES

VOC Pounds/Gallon:

VOC Grams/Liter:

Solubility in Water:

Corrosion Rate:

Stability Indicator:

Materials To Avoid: STRONG ACIDS.

STRONG ACIDS.

DIOXIDE.

Information:N/P

Information:N/P

Appearance and Odor:

Evaporation Rate & Reference:

YELLOW TO AMBER LIQUID WITH AROMATIC SOLVENT ODOR

NONE KNOWN. THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE, BUT ARE NOT LIMITED TO, CARBON MONOXIDE OR CARBON

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terms and conditions of sale.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any

guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from

handling or from contact with the above product. See reverse side of invoice or packing slip for additional

0.7GL@22C FOR PROMETON

Percent Volatiles by Volume:

Reactivity Data

Stability Condition To Avoid:

Hazardous Decomposition Products:

Hazardous Polymerization Indicator:

Conditions To Avoid Polymerization:

Toxicological Information

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

www.lookchem.com

Other Information:N/P

MSDS Transport Information

PROMETON 3.10E-06MBAR@20C

Volatile Org Content %:

N/P

N/P

N/P

B.P. Text: 120-130C

Net Prop WT For Ammo:

Waste Disposal Methods:

Handling And Storage Precautions:

Ingestion:

Other Protective Equipment:

Work Hygienic Practices:

Supplemental Safety and Health:

Health Hazards Data

ORAL LD50 (RAT): 2100MG/KG BODY WT

Route Of Entry Inds - Inhalation:

Carcinogenicity Inds - NTP:

Health Hazards Acute And Chronic:

Explanation Of Carcinogenicity:

Signs And Symptions Of Overexposure:

Medical Cond Aggravated By Exposure:

SOAP/H2O INCLUDE HAIR/UNDER FINGERNAILS.DONT A

W/LACRIMATION.INHAL MAY RESULT IN LOSS OFCONSC, HEAD, N

TO AVOID SKIN CONTACT WEAR RUBBER GLOVES.

TO AVOID EYE CONTACT WEAR CHEM GOGGL OR FULL FACE SHIELD.

NΡ

Code:

Τ

Other REC Limits:

435 MG/M3;100 PPM

Cas:

95-47-6 Code: Т **RTECS:** ZE2450000

ACGIHSTEL: TO AVOID BREATHING MIST OR SPRAY, WEAR NIOSH-APPROVED FULL-FACE CHEMICAL CARTRIDGE RESPIRATOR

651 MG/M3;150 PPM Code: Т **Control Measures Respiratory Protection:** W/ORGANIC VAPOR CARTRIDGES & PESTICIDE PRE-CARTRIDGES OR SUPPLIED-AIR RESPIRATOR.

Equipment TO AVOID SKIN CONTACT WEAR RUBBER BOOTS, LONG-SLEEVED SHIRT, LONG PANTS & HEAD

ETYHYLENE GLYCOL NOMO PHENYL ETHER: EXPO WILL RESULT IN SEVERE EYE IRRIT & MOD CORNEAL INJURY.LIV/

PER MSDS XYLENE AND O-XYLENE ARE IARC 3 CARCINOGENS.PROPOSITION 65:NOT APPLICABLE.

ORGANS:LIVER, KIDNEY, THYROID, BLOOD, EYES, RESP TRACT, INNER EAR, SKIN, CENTRAL NERV SYST.

NAU. PETRO SOLVT IN PRODUCT CAN CAUSE CHEM PNEUMONITIS IF ASPIRATED.

ABSORB MATL, SWEEPUP, PLACE IN CHEM CNTNR. SEAL, HNDLG IN (SEE NEUTR AGENT)

POTENTIAL FOR EXPOSURE TO MATL.ALWAYS WASH THOROUGHLY AFT HNDLG.

Fire and Explosion Hazard Information

KIDNEY/THYROID/BLOOD EFFECTS HAVE BEEN OBSERVED IN ANIMAL STUDIES.N-BUTANOL: PROL EXPO MAY RESULT IN DR YING/CRACK OF SKIN FRM DEFATT ACTION.THERE'S EVIDENCE THAT LONG-TERM REP EXPO TO VAP CONC >50PPM MAY RESULT IN SOME LOSS OF HEARING. VAP CAN CAUSE SPEC INJURY TO CORNEA. SKIN/RESP TRACT IRRIT MAY OCCUR W/BRIEF EXPOS. CAUSES SEVERE EYE IRRIT

EXPO MAY CAUSE IRREVERSIBLE EYE DMG & SEVERE SKIN IRRIT.IF SWALLOWED, ABD PAIN, NAU, VOMIT, GASTRITIS, WEAK, HEAD, OR DIARR

POIS SUSPECTED IMMED CONTACT DR/NEAREST HOSP OR POIS CNTRL CNTR.TELL PERSON CONTACTED COMPLETE PRODUCT NAME & TYPE/AMT OF EXPO.DESCRIBE ANY SYMPTS/FOLLOW ADVICE GIVEN.INGEST: DONT INDUCE VOMIT.VICTIM F ULLY CONSC IMMED GIVE LG QUANT OF H2O TODRINK, GET MED ATTN.NEVER GIVE ANYTNING BY MOUTH IF UNCONSC.EYE: IMMED RINSE W/LG AMT OF H2O.HOLD EYELIDS APART TO RINSE ENTIRE SURF.DONT APPLY MEDICATING AGENTS EXCEPT ON ADVICE OF DR.SKIN: WASH W/PLENTY OF

WEAR CHEM GOGG/FULLFACE SHIELD, RUBB GLOVE&BOOTS, LONG-SLEEVED SHIRT, LONG PANTS, HEAD COVER, NIOSH APPROV FULLFC CHEM CARTRIDGE RESP W/ORG VAP CARTRIDGES&PESTICIDE PRE-CARTRIDGES/SCBA.SM SPILL-COVER W/ABS ORBENT MATL LIKE PET LITTER.SWEEPUP, PLACE IN APPROV CHEM CNTNR.WASH SPILL AREA W/H2O PLUS STRONG DETRGT, ABSORB W/PET LITTER/OTHER

N/P. SPILL: APPROV MANNER.FLUSH AREA W/H2O TO REMOVE RESIDUE.DONT ALLOW WASH H2O TO COTNAM H2O SUPPLIES.

DONT REUSE PRODUCT CONTAINERS. DISPOSE OF PRODUCT CONTAINERS, WASTE CONTAINERS, & RESIDUES ACCORDING TO LOCAL, STATE, AND FEDERAL HEALTH AND ENVIRO REGULATIONS. CHARACTERISTIC WASTE: IGNITABLE; LISTED WASATE: D001.

WEAR FULL PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS. EVACUATE PERSONNEL. PREVENT USE OF

THIS PRODUCT IS FLAMMABLE AND FORMS FLAMMABLE MIXTURES ABOVE 77F. THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE,

STORE MATL IN WELL-VENTI, SECURE AREA OUT OF REACH OF CHILDREN & DOMESTIC ANIMALS. DON'T STORE FOOD, BEVERAGES OR TOBACCO PRODUCTS IN STORAGE AREA.PREVENT EATING, DRINKING, TOBACCO USAGE, COSMETIC APPLIATION IN AREAS WHERE THERES

CAN OCCUR.PROL INHAL EXPO MAY CAUSE RESP TRACT IRRIT & CNS DEPRESSION, RESULTING IN HEAD, DIZZ, BLURRED VISION OR

INDIVIDUALS W/CHRONIC RESP DISORDERS OR PRE-EXISTING DERM SHOULD USE EXTRA CARE IN HNDLG PRODUCT. TARGET

COVERING.AOVE CNTRL MEASURES RECOMMENDATIONS FOR MFG, COMMERCIAL BLENDING, PKG WORKERS.

PREVENT EAT/DRINK/TOBACCO USAGE/COSMETIC APPLICATION IN AREAS WHERE THERES POT FOR EXPO TO MATL.ALWAYS WASH THOROUGHLY AFT HNDLG.APPLICATORS/HNDLRS:PLS REF TO PROD LABEL FOR PPE

OSHA STEL: NP Code: **ACGIH TLV:** 434 MG/M3;100 PPM Code: