

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-6577657-92-5.html> for suppliers of this product.

Composition/Information on Ingredient

Code:
M

RTECS:
KN4730200

Code:
M

Name:
ETHYL TERT-BUTYL ETHER (ETBE)

Other REC Limits:
UNKNOWN

OSHA PEL:
UNKNOWN

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
UNKNOWN

Code:
M

ACGIH STEL:
N/P

Code:

Respiratory Protection:
NO SPECIAL RESP PROTECT

CONCENTRATIONS WHICH EXCEED RECOMMENDED EXPOSURE LIMITS. USE OF APPROVED RESPIRATOR REQUIRED. REFER TO OSHA 309-103-1000 FOR INFORMATION ON RESPIRATOR SELECTION AND USE.

Ventilation:
USE THIS MATERIAL ONLY IN WELL VENTILATED AREAS.

Protective Gloves:
NO SPECIAL PROTECTION USUALLY NECESSARY.

Eye Protection:
CHEMICAL GOGGLES.

Other Protective Equipment:
EQUIPMENT SKIN CONTACT CAN BE MINIMIZED BY WEARING PROTECTIVE CLOTHING.

Work Hygienic Practices:
LAUNDRY CONTAMINATED CLOTHING PRIOR TO REUSE. FOLLOW GOOD WORK HYGIENE PRACTICES.

Supplemental Safety and Health:
IF SPILL REACHES ANY SURFACE WATERS CALL US COAST GUARD NATIONAL RESPIRATORY CENTER 800-424-8802.

Health Hazards Data

LD50LC50Mixture:
LD50 ORAL RATS >5ML/KG.

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
YES

IARC:
YES

OSHA:
YES

Health Hazards Acute And Chronic:
EYE:SLIGHTLY IRRIT,IMPAIR VISION.SKIN:CRACK/DRY SKIN FROM DEFATTING.INGEST:SLIGHTLY TOXIC TO INTERNAL ORGANS.TARGET ORGAN:CNS.ASPIRATION HAZ & MAY CAUSE SEVERE LUNG INJURY & DEATH.INHAL:SLIGHTLY TOXIC TO INTERNAL ORGANS.CNS EFFECTS,COMA,DEATH,CONVULSIONS,DELIRIUM,HALLUCINATIONS.

Explanation Of Carcinogenicity:
CONTAINS BENZENE. IARC PLACED WHOLE GASOLINE EXHAUST IN CATEGORY 2B CONSIDERING IT POSSIBLY CARCINOGENIC TO HUMANS.

Signs And Symptoms Of Overexposure:
EYE:MAY INCLUDE PAIN, TEARS, SWELLING, REDNESS, AND BLURRED VISION. INGEST:MAY INCLUDE ONE OR MORE OF FOLLOWING:HEADACHE, DIZZ, LOSS OF APPETITE, WEAKNESS, LOSS OF COORDINATION.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MFG.

First Aid:
EYE:FLUSH IMMED W/WATER FOR @ LEAST 15MINS OPENING EYELIDS.REMOVE CONTACT LENSES.IF IRRIT PERSISTS SEE DR.
SKIN:PRECAUTION WASH THOROUGHLY W/SOAP & WATER.REMOVE CONTAMIN CLOTHING.INGEST:GIVE WATER OR MILK TO DRINK.CALL MED ADVICE/TAKE TO EMERG CNTR/HOSPITAL.DO NOT INDUCE VOMIT UNLESS DIRECTED BY MED PERSONNEL.INHAL:MOVE TO FRESH AIR.SEE DR IF SYMPTOMS CONTINUE.

Spill Release Procedures:
ELIMINATE ALL IGN SOURCES.CLEANUP IMMED.WATER POLLUTANT;PREVENT FROM CONTAMIN SOIL/WATER/DRAINAGE/SEWER SYS.CLANU W/APPROPRIATE TECHNIQUES:SORBENT MATLS;PUMPING.IF FEASIBLE REMOVE CONTAMIN SOIL.FOLLOW PROCEDURES FOR REPORTING/RESPONDING TOLG SPILLS.

Neutralizing Agent:
NONE SPECIFIED BY MFG.

Waste Disposal Methods:
IF TO BE DISCARDED MAY MEET CRITERIA OF HAZ WASTE AS DEF BY USEPA UNDER RCRA(40CFR261)OR OTHER STATE/LOC REGS.MEASUREMENT OF CERTAIN PHYS PROP & ANALYSIS FOR REGULATED CMPNTS MAY BE NECESSARY TO MAKE CORRECT DETERMINATION.IF HAZ WASTE USE LIC FACILIT

Handling And Storage Precautions:
NEVE SIPHON GASOLINE BY MOUTH.READ/OBSERVE ALL PRECAUTIONS ON PRODUCT LABEL.USE ONLY AS MOTOR FUEL.DO NOT USE FOR

Fire and Explosion Hazard Information

Flash Point:	
Flash Point Text:	
Autoignition Temp:	
Autoignition Temp Text:	
Lower Limits:	
Upper Limits:	
Extinguishing Media:	
Fire Fighting Procedures:	
Unusual Fire/Explosion Hazard:	

HCC:
F1

NRC/State LIC No:
N/R

Net Prop WT For Ammo:
6

Boiling Point:

B.P. Text:
77.0F,25.0C

Melt / Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
5-15PSI

Vapor Density:
3-4

Volatile Org Content %:

Spec Gravity:
0.7-0.8

VOG Pounds/Gallon:

PH: N/K

VOG Grams/Liter:

Viscosity:
N/K

Evaporation Rate & Ref:
N/K

Solubility in Water:
INSOLUBLE.

Appearance and Odor:
ORANGE OT BRONZE LIQU

Percent Volatiles by Vol
99+

Corrosion Rate:
N/K

Reactivity Data:

Stability Indicator:
YES

Stability Condition To Avoid:
NO DATA AVAILABLE. HOWEVER AVOID HEAT/FLAMES/OTHER SOURCES OF IGNITION.

Materials To Avoid:
MAY REACT W/STRONG OXIDIZING AGENTS SUCH AS CHLORATES, NITRATES, PEROXIDES, ETC.

Hazardous Decomposition Products:
NO DATA AVAILABLE. NORMAL COMBUSTION FORMS CARBON DIOXIDE & WATER VAP; INCOMPLETE COMBUSTION CAN PRODUCE CARBON MONOXIDE.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NOT RELEVANT.

Toxicological Information

Information:N/P

MSDS Transport Informa

5.4. Δ N/A

Regulatory Information

Federal Regulatory Information: N/P

State Regulatory Information

Other Information

Only use these tags:

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