

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-526/526-73-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
526-73-8
Code:
M

RTECS:
DC3300000
Code:
M

Name:
1,2,3-TRIMETHYLBENZENE

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
25 PPM
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
25 PPM
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
FOR CONCENTRATIONS > THAN RECOMMENDED EXPOSURE LIMITS US APPROVED AIR PURIFYING RESPIRATOR. IN CASE OF SPILL OR LEAK RESULTING IN UNKNOWN CONCENTRATION, USE NIOSH/MSHA-APPROVED AIR-SUPPLIED RESPIRATOR . USE SCBA EQUIPMENT IF NEEDED.

Ventilation:
USE ADEQUATE VENTILATION TO CONTROL CONCENTRATION BELOW RECOMMENDED EXPOSURE LIMITS.

Protective Gloves:
USE NEOPRENE OR NITRILE GLOVES.

Eye Protection:
USE SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment:
Equipment FOR SPLASH PROTECTION, USE CHEMICAL GOGGLES AND FACE SHIELD.

Work Hygienic Practices:
WASH THOROUGHLY AFTER HANDLING THIS PRODUCT.

Supplemental Safety and Health:
NONE 6

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
YES

IARC:
YES

OSHA:
YES

Health Hazards Acute And Chronic:
EYES: VAPORS MAY CAUSE SLIGHT IRRITATION. LIQUID MAY CAUSE INTENSE STINGING WITHOUT LONG TERM EFFECTS. SKIN: REPEATED SKIN CONTACT MAY CAUSE SEVERE SKIN IRRITATION. INHALATION: MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS. INGESTION: MAY BE IRRITATING TO INTESTINES. MAY BE ASPIRED INTO THE LUNGS.

Explanation Of Carcinogenicity:
KEROSENE GENERALLY CONTAINS BENZENE [71-43-2] WHICH IS LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.

Signs And Symptoms Of Overexposure:
EYES: LIQUID MAY CAUSE INTENSE STINGING WITHOUT LONG TERM EFFECTS. INHALATION: MAY CAUSE HEADACHE, NAUSEA AND SEDATION.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
EYES: FLUSH WITH RUNNING WATER FOR AT LEAST FIFTEEN MINUTES. SKIN: IMMEDIATELY WASH WITH SOAP AND WATER FOR AT LEAST FIFTEEN MINUTES. IF IRRITATION OR ADVERSE SYMPTOMS DEVELOP FOR THE SKIN AND/OR EYES, SEEK MEDICAL ATTENTION. INHALATION: REMOVE FROM EXPOSURE. ADMINISTER BREATHING SUPPORT MEASURES IF NEEDED. INGESTION: DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION.

Spill Release Procedures:
EVACUATE AREA OF ALL UNNECESSARY PERSONNEL. WEAR PROTECTIVE EQUIPMENT AND/OR GARMENTS. SHUT OFF SOURCE, IF POSSIBLE AND CONTAIN SPILL. PROTECT FROM IGNITION. KEEP OUT OF WATER SOURCES AND SEWERS. ABSORB IN A DRY, INERT MATERIAL. TRANSFER TO DRUMS.

Neutralizing Agent:
N/A

Waste Disposal Methods:
INSURE CONFORMITY WITH ALL APPLICABLE DISPOSAL REGULATIONS. INCINERATE OR OTHERWISE MANAGE AT A RCRA PERMITTED WASTE MANAGEMENT FACILITY.

Handling And Storage Precautions:
5 DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. DO NOT BREATHE VAPORS MIST, FUME OR DUST. DO NOT SWALLOW. WASH THOROUGHLY AFTER HANDLING.

Other Precautions:
USE PRODUCT ONLY WITH ADEQUATE VENTILATION. KEEP AWAY FROM HEAT, SPARKS OR FLAMES. STORE IN WELL-VENTILATED AREA. BOND AND GROUND DURING TRANSFER. STORE IN CLOSED CONTAINER.

Fire and Explosion Hazard Information

Flash Point Method:
TCC

Flash Point:

Flash Point Text:
>100F,>38C

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
DRY CHEMICAL, FOAM OR CARBON DIOXIDE.

Fire Fighting Procedures:
EVACUATE AREA OF ALL UNNECESSARY PERSONNEL. SHUT OFF SOURCE, IF POSSIBLE. USE SCBA AND OTHER PROTECTIVE EQUIPMENT AND/OR GARMENTS. DO NOT SPRAY WATER ON FIRE.

Unusual Fire/Explosion Hazard:
PRODUCT WILL FLOAT AND COULD BE REIGNITED ON SURFACE OF WATER.

Physical/Chemical Properties

HCC:
F4

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
300-572F

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
<1

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
0.775-0.840

VOC Pounds/Gallon:

PH: N/A

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:

Solubility in Water:
NEGLECTIBLE

Appearance and Odor:
COLORLESS LIQUID WITH A MILD ODOR.

Percent Volatiles by Volume:
100

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NOT APPLICABLE

Materials To Avoid:
OXYGEN AND STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:
CARBON OXIDES AND VARIOUS HYDROCARBONS.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/A

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