

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-75/75-59-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
75-59-2
Code:
M

RTECS:
PA0875000
Code:
M

Name:
TETRAMETHYLAMMONIUM HYDROXIDE

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:
ACGIH TLV: N/K
Code:
1 OSHA STEL:

ACGIH TLV:
N/K
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
WEAR A NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR.

Ventilation:
GOOD GENERAL ROOM VENTILATION. LOCAL EXHAUST MAY BE NEEDED.

Protective Gloves:
REQUIRED

Eye Protection:
GOGGLES/FACE SHIELD

Other Protective Equipment:
Equipment PROTECTIVE CLOTHING

Work Hygienic Practices:
N/K 3

Supplemental Safety and Health:
BOILING POINT & VAPOR PRESSURE INFORMATION IS FOR METHANOL.

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
METHANOL- CAUSES NARCOSIS & IT'S EFFECTS ARE CUMULATIVE. OVEREXPOSURE CAN RESULT IN CNS DEPRESSIONS, ACIDOSIS & VISUAL DISTURBANCES WHICH MAY PROGRESS TO BLINDNESS. INHALATION: HARMFUL. SKIN: POISON, FATAL IF ABSORBED, BURNS. EYES: BURNS. INGESTION: POISON. MAY BE FATAL/CAUSE BLINDNESS. CANT BE MADE NONPOISONOUS.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
METHANOL- CAUSES NARCOSIS & IT'S EFFECTS ARE CUMULATIVE. OVEREXPOSURE CAN RESULT IN CNS DEPRESSION, ACIDOSIS & VISUAL DISTURBANCES WHICH MAY PROGRESS TO BLINDNESS. INHALATION: HARMFUL. SKIN: POISON, FATAL IF ABSORBED, BURNS. EYES: BURNS. INGESTION: POISON. MAY BE FATAL/CAUSE BLINDNESS. CANT BE MADE NONPOISONOUS.

Medical Cond Aggravated By Exposure:
N/K

First Aid:
INHALATION: REMOVE TO FRESH AIR. TREAT SYMPTOMATICALLY. SKIN: IMMEDIATELY FLUSH W/PLENTY OF WATER FOR 15 MINS. EYES: FLUSH W/PLENTY OF WATER FOR 15 MINS. INGESTION: DRINK 1-2 GLASSES OF MILK/WATER & I NDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
REMOVE ALL SOURCES OF IGNITION. ABSORB MATERIAL IN VERMICULITE/OTHER SUITABLE ABSORBENT & PLACE IN IMPERVIOUS CONTAINER.

Neutralizing Agent:
N/K 2

Waste Disposal Methods:
DISPOSE BY INCINERATION/CONTRACT W/LICENSED CHEMICAL WASTE DISPOSAL AGENCY. DISCHARGE TREATMENT/DISPOSAL MAY BE SUBJECT TO FEDERAL, STATE/LOCAL LAWS.

Handling And Storage Precautions:
KEEP FROM CONTACT W/OXIDIZING MATERIALS. KEEP AWAY FORM HEAT, SPARKS & FLAME. USE W/ADEQUATE VENTILATION. KEEP CONTAINER CLOSED. FLAMMABLE LIQUID.

Other Precautions:
N/K

Fire and Explosion Hazard Information

Flash Point Method:
SCC

Flash Point:

Flash Point Text:
80F

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
WATER SPRAY, DRY CHEMICAL, CO2, FOAM

Fire Fighting Procedures:
WEAR SCBA & PROTECTIVE CLOTHING. WATER MAY BE INEFFECTIVE IN FIGHTING FIRE. USE WATER SPRAY TO KEEP FIRE-EXPOSED CONTAINERS COOL.

Unusual Fire/Explosion Hazard:
VAPORS ARE HEAVIER THAN AIR & MAY TRAVEL ALONG THE GROUND/BE MOVED BY VENTILATION TO AN IGNITION SOURCE & FLASH BACK.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
148F

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
100

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
0.88

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
COMPLETE

Appearance and Odor:
LIGHT YELLOW LIQUID W/METHANOL ODOR

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HEAT, SPARKS, OPEN FLAME & OTHER IGNITION SOURCES

Materials To Avoid:
STRONG OXIDIZERS

Hazardous Decomposition Products:
CO, CO2, OXIDES OF NITROGEN

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

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