

# 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

**ACGIH STEL:**

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:**

GOOGLES/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

**LD50/LC50 Mixture:**

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. CAN'T BE MADE NONPOISONOUS.

**Explanation Of Carcinogenicity:**

NONE

**Signs And Symptoms 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. CAN'T 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 & INDUCE 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 FROM 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:**

80F

**Autoignition Temp:**

N/A

**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:**

80F

**Boiling Point:**

80F

**B.P. Text:**

80F

**Melt/Freeze Pt:**

N/K

**Decomp Temp:**

N/K

**Vapor Pres:**

100

**Vapor Density:**

N/K

**Volatile Org Content %:**

0.88

**Spec Gravity:**

0.88

**VOC Pounds/Gallon:**

N/K

**PH:**

N/K

**VOC Grams/Liter:**

N/K

**Viscosity:**

N/P

**Stability Indicator:**

N/K

**Heat, Sparks, Open Flame & Other Ignition Sources:**

HEAT, SPARKS, OPEN FLAME & OTHER IGNITION SOURCES

**Strong Oxidizers:**

NO

**Hazardous Decomposition Products:**

CO2, OXIDES OF NITROGEN

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

N/K

**Reactivity Data****Stability Indicator:**

YES

**Heat, Sparks, Open Flame & Other Ignition Sources:**

HEAT, SPARKS, OPEN FLAME & OTHER IGNITION SOURCES

**Strong Oxidizers:**

NO

**Hazardous Decomposition Products:**

CO2, OXIDES OF NITROGEN

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

N/K

**Other Information:**

N/P

**Information:**

N/P

**Information:**