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

Composition/Information on Ingredient Cas: 112-60-7 Code: Μ

Click <a href="http://www.lookchem.com/cas-112/112-60-7.html">http://www.lookchem.com/cas-112/112-60-7.html</a> for suppliers of this product.

**RTECS:** XC2100000

Code: Μ

Name:

TETRAETHYLENE GLYCOL

NONE RECOMMENDED

**Other REC Limits:** 

NOT ESTABLISHED

**OSHA PEL:** 

**OSHA STEL:** 

**ACGIH TLV:** 

**ACGIHSTEL:** 

**Ventilation:** 

Protective Gloves: BUTYL RUBBER, PVC

**Eye Protection:** 

NOT ESTABLISHED

**Control Measures** 

CHEMICAL SAFETY GOGGLES

AND SHOWER SHOULD BE AVAILABLE.

Other Protective Equipment:

Work Hygienic Practices:

LD50LC50Mixture:

ACUTE ORAL LD50 (RAT) 6.6 G/KG

**Route Of Entry Inds - Inhalation:** 

**Handling And Storage Precautions:** 

**PMCC** 

Flash Point:

**NOT GIVEN 5** 

**VOC Grams/Liter:** 

Solubility in Water:

**Corrosion Rate: UNKNOWN** 

**Stability Indicator:** 

**Materials To Avoid:** 

Information:N/P

Information:N/P

**Appearance and Odor:** 

**Percent Volatiles by Volume:** 

Reactivity Data

**Stability Condition To Avoid:** 

NONE SPECIFIED BY MANUFACTURER.

**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

Other Information:N/P

**MSDS Transport Information** 

AVOID CONTACT W/STRONG OXIDIZERS & HIGH OXYGEN CONCENTRATIONS.

INCOMPLETE COMBUSTION CAN GENERATE CARBON MONOXIDE AND/OR OXYGENATED HYDROCARBONS.

AMBER COLOR CLEAR LIQUID, MILD ODOR

**SOLUBLE 6** 

N/K

YES

**Autoignition Temp Text:** 

AREA. PREVENT CONTACT WITH OXIDIZERS.

ACCORDANCE WITH 29 CFR 1910.134 TO PREVENT EXPOSURE.

**Respiratory Protection:** 

Code:

Code:

Code: Μ

Code:

Μ

WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. **Supplemental Safety and Health:** NONE SPECIFIED BY MANUFACTURER. **Health Hazards Data** 

Equipment CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH

IF EXPOSURE MAY OR DOES EXCEED OCCUPATION EXPOSURE LIMITS USE A NIOSH-APPROVED RESPIRATOR IN

LOCAL EXHAUST VENTILATION IS RECOMMENDED TO CONTROL VAPORS, MISTS OR SPRAY.

YES Skin: YES Ingestion: YES **Carcinogenicity Inds - NTP:** 

NO **IARC:** NO OSHA: NO **Health Hazards Acute And Chronic:** MAY CAUSE SEVERE TO MODERATE EYE IRRITATION AND TRANSIENT CORNEAL INJURY. SLIGHTLY IRRITATING TO THE SKIN WITH

PROLONGED CONTACT. INGESTION MAY PRODUCE CENTRAL NERVOUS SYSSTEM AND GASTROINTESTINAL DIS TURBANCES. DUE TO LOW VAPOR PRESSURE EXPOSURE BY INHALATION IS MINIMAL UNDER NORMAL HANDLING PROCEDURES. **Explanation Of Carcinogenicity:** THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

**Signs And Symptions Of Overexposure:** EYE IRRITATION, TRANSIENT CORNEAL DAMAGE. SKIN: MILD IRRITATION. INGESTION: G/I &/OR CNS DISTURBANCES. INHALATION: RESPIRATORY IRRITATION IF MIST IS INHALED. **Medical Cond Aggravated By Exposure:** NONE SPECIFIED BY MANUFACTURER.

First Aid: IF ANY IRRITATION PERSISTS OR SEVERE, GET MEDICAL ATTENTION. EYE: FLUSH W/WATER FOR 15 MIN. SKIN: WASH W/SOAP & WATER. REMOVE CONTAMINATED CLOTHING & LAUNDER BEFORE REUSE. INHALED: REMOVE FROM CONTAMINAT ED AREA. AID OR RESTORE BREATHING AS NEEDED. INGESTED: NOTHING BY MOUTH IF UNCONSCIOUS. GIVE SEVERAL GLASSES OF WATER & INDUCE VOMITING. KEEP AIRWAY CLEAR. GET IMMEDIATE MEDICAL ATTENTION. **Spill Release Procedures:** USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT MEASURES DURING CLEANUP. CONTAIN SPILL. PREVENT LIQUID FROM ENTERING

**Neutralizing Agent:** NONE SPECIFIED BY MANUFACTURER. **Waste Disposal Methods:** DISCARDED MATERIAL IS NOT A RCRA HAZAARDOUS WASTE. DISPOSE OF RECOVERED, NONUSABLE PRODUCT AND MATERIAL USED IN CLEANING UP SPILLS OR LEAKS IN A MANNER APPROVED FOR THIS MATERIAL.

SEWERS, WATERWAYS OR LOW AREAS. RECOVER LIQUID FOR REUSE OR RECLAMATION. CONSULT APPR OPRIATE AUTHORITIES.

**Other Precautions:** KEEP AWAY FROM HEAT AND FLAME. KEEP CONTAINERS TIGHTLY CLOSED. KEEP CONTAINERS TIGHTLY CLOSED. Fire and Explosion Hazard Information **Flash Point Method:** 

AVOID CONTACT WITH EYES, SKIN AND CLOTHING. AVOID BREATHING VAPOR AND MIST. STORE INA COOL, DRY, WELL VENTILATED

Flash Point Text: >250F,>121C **Autoignition Temp:** 

N/A **Lower Limits:** NOT GIVEN **Upper Limits:** 

**Extinguishing Media:** USE WATER SPRAY, FOAM, CARBON DIOXIDE, DRY CHEMICAL. WATER OR FOAM MAY CAUSE FROTHING. Fire Fighting Procedures: USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS. WEAR FULL PROTECTIVE CLOTHING & SELF-CONTAINED BREATHING APPARATUS.

**Unusual Fire/Explosion Hazard:** NONE SPECIFIED BY MANUFACTURER. Physical/Chemical Properties

HCC: V6 NRC/State LIC No:

NONE **Net Prop WT For Ammo: Boiling Point:** 

**B.P. Text:** >450F,>232C

Melt/Freeze Pt: M.P/F.P Text: <-58F,<-50C

**Decomp Temp:** 

**Decomp Text:** UNKNOWN **Vapor Pres:** 

NOT GIVEN **Vapor Density:** NOT GIVEN **Volatile Org Content %:** 

**Spec Gravity:** 

1.05 **VOC Pounds/Gallon: PH:** 8.5-10

Viscosity: N/P **Evaporation Rate & Reference: NOT GIVEN** 

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