

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-681/68154-97-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
68154-97-2  
**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
ALKYL POLYOXYALKYLENE GLYCOL ETHER

**Other REC Limits:**  
NONE RECOMMENDED

**OSHA PEL:**  
NOT ESTABLISHED  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
NOT ESTABLISHED  
**Code:**  
M

**ACGIHSTEL:**  
N/P

**Code:**

## Control Measures

**Respiratory Protection:**  
USE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS IF TLV IS EXCEEDED OR WHEN SPRAYING OR UNDER DUSTY CONDITIONS

**Ventilation:**  
PROVIDE MECHAN(GEN/LOCAL EXHAUST)VENT TO MAINTN

**Protective Gloves:**  
RUBBER 5

**Eye Protection:**  
SAFETY/CHEM GOGGLES

**Other Protective Equipment:**  
Equipment AS REQUIRED TO PREVENT PROLONGED CONTACT.

**Work Hygienic Practices:**  
DO NOT EAT, DRINK OR SMOKE WHILE WORKING WITH THIS PRODUCT.

**Supplemental Safety and Health:**  
N/P

## Health Hazards Data

**LD50LC50Mixture:**  
UNKNOWN

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
MAY CAUSE MODERATE TO SEVERE IRRITATION TO THE EYES AND SKIN. INHALATION OF DUST OR MIST MAY CAUSE PULMONARY TRACT IRRITATION AND SYSTEMIC EFFECTS. INGESTION:MODERATE TO SEVERE IRRITATION OF GI TRACT.

**Explanation Of Carcinogenicity:**  
N/P

**Signs And Symptoms Of Overexposure:**  
SKIN:IRRITATION. EYES:MOD TO SEVERE IRRITATION. INGESTION:GASTRIC IRRITATION,VOMITING, DIARRHEA. INHALATION:COUGHING.

**Medical Cond Aggravated By Exposure:**  
NONE KNOWN.

**First Aid:**  
INHALATION:REMOVE TO FRESH AIR, PROVIDE CPR/OXYGEN IF NEEDED. EYE CONTACT:FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL HELP. SKIN CONTACT:WASH WITH SOAP AND WATER. GET MED ATTENTION IF SYMPTOMS PERSIS T. INGESTION:DO NOT INDUCE VOMITING, DRINK 1-2 GLASSES OF WATER. GET MEDICAL HELP IMMEDIATELY.

**Spill Release Procedures:**  
WEAR PROTECTIVE EQUIPMENT. SWEEP UP OR VACUUM UP SPILLAGE AND RETURN TO CONTAINER. NEUTRALIZE LIQUID SPILLS,SOAK IN INERT ABSORBENT AND SAVE IN A DRUM OR CONTAINER.

**Neutralizing Agent:**  
SODA BICARB

**Waste Disposal Methods:**  
DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. 4

**Handling And Storage Precautions:**  
TRANSPORT AND STORE IN CLOSED CONTAINERS, KEEP MATERIAL DRY.

**Other Precautions:**  
AVOID SKIN AND EYES CONTACT. 3% SOLUTION HAS A PH OF 13, WHICH MAKES IT CORROSIVE.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NONE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/A

**Upper Limits:**  
N/A

**Extinguishing Media:**  
NOT APPLICABLE

**Fire Fighting Procedures:**  
NOT APPLICABLE

**Unusual Fire/Explosion Hazard:**  
NOT APPLICABLE

## Physical/Chemical Properties

**HCC:**  
N1

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/A

**Melt /Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/A

**Vapor Pres:**  
N/A

**Vapor Density:**  
N/A

**Volatile Org Content %:**

**Spec Gravity:**  
N/A

**VOC Pounds/Gallon:**

**PH:** N/P

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
N/A

**Solubility in Water:**  
COMPLETE

**Appearance and Odor:**  
WHITE GRANULAR MIX,ODORLESS.(PH OF 3% SOLUTION IS 13.0)

**Percent Volatiles by Volume:**  
N/A

**Corrosion Rate:**  
N/P 6

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
MOISTURE

**Materials To Avoid:**  
STRONG ACIDS, OXIDIZING AGENTS.

**Hazardous Decomposition Products:**  
NONE

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NONE SPECIFIED BY THE MFR.

## 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