

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-260/2605-78-9.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
2605-78-9  
**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
OCTYLDIMETHYLAMINE OXIDE

**Other REC Limits:**  
N/K

**OSHA PEL:**  
N/K (FP N)  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
N/K (FP N)  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

**Ventilation:**  
NONE SPECIFIED BY MANUFACTURER.

**Protective Gloves:**  
RUBB GLOVES-PROT CUFF/GAUNTLET (SUPDAT)

**Eye Protection:**  
ANSI APPRVD CHEM WORKERS GOGG (SUPDAT)

**Other Protective Equipment:**  
Equipment EMERGENCY EYE WASH DELUGE SHOWER WHICH MEET ANSI DESIGN STANDARDS (FP N).

**Work Hygienic Practices:**  
NONE SPECIFIED BY MANUFACTURER.

**Supplemental Safety and Health:**  
PH:7.5-8.8 (100%). PROT GLOVES:TYPE PREFERRED. EYE PROT:& FULL LENGTH FACESHIELD (FP N).

## Health Hazards Data

**LD50LC50Mixture:**  
NONE SPECIFIED BY MANUFACTURER.

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

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
ACUTE:SKIN & EYES:CAN CAUSE SEVERE IRRITATION, POSSIBLE CHEMICAL BURNS. INGEST:HARMFUL. CAN CAUSE CHEMICAL BURNS OF MOUTH, THROAT AND STOMACH.

**Explanation Of Carcinogenicity:**  
NOT RELEVANT. 3

**Signs And Symptions Of Overexposure:**  
SEE HEALTH HAZARDS.

**Medical Cond Aggravated By Exposure:**  
NONE SPECIFIED BY MANUFACTURER.

**First Aid:**  
INHAL:REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE O\*2/ARTF RESP) (FP N). EYES:FLUSH IMMED W/PLENTY OF COOL RUNNING WATER. REMOVE CONT LENSES. CONTINUE FLUSHING FOR 15 MINS. SKIN:FLUSH W/PLENTY OF COO L RUNNING WATER. WASH THORO W/SOAP & WATER. INGEST:RINSE MOUTH; THEN DRINK 1-2 LG GLASSES OF WATER. DO NOT INDUCE VOMIT. NEVER GIVE ANYTHING BY MOUTH TO UNCON PERSON. CALL POIS CTL CTR/PHYS IMMED.

**Spill Release Procedures:**  
DIKE OR DAM LARGE SPILLS. PUMP TO CONTAINERS OR SOAK UP ON INERT ABSORBENT. FLUSH RESIDUE TO SANITARY SEWER.

**Neutralizing Agent:**  
NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**  
CONSULT FEDERAL, STATE AND LOCAL AUTHOR FOR RESTRICTIONS ON DISP OF CHEM WASTE. RINSE EMPTY CNTNR THORO W/WATER BEFORE DISCARDING.

**Handling And Storage Precautions:**  
AVOID CONTAMINATION OF FOOD/FOOD PRODUCTS. DO NOT STORE WITH FOOD PRODUCTS. KEEP OUT OF REACH OF CHILDREN.

**Other Precautions:**  
NONE SPECIFIED BY MANUFACTURER.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
N/K

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A 4

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
NONE SPECIFIED BY MANUFACTURER.

**Fire Fighting Procedures:**  
USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N). PRODUCT DOES NOT SUPPORT COMBUSTION.

**Unusual Fire/Explosion Hazard:**  
NONE.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
>212F,>100C

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/K

**Vapor Density:**  
N/K

**Volatile Org Content %:**

**Spec Gravity:**  
0.98-1.01

**VOC Pounds/Gallon:**

**PH:** SUPDAT

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
NOT KNOWN

**Solubility in Water:**  
COMPLETE

**Appearance and Odor:**  
RED LIQUID; NON-DESCRIPT ODOR

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

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
DO NOT MIX WITH ANYTHING BUT WATER.

**Materials To Avoid:**  
NONE SPECIFIED BY MANUFACTURER.

**Hazardous Decomposition Products:**  
NONE SPECIFIED BY MANUFACTURER.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NOT RELEVANT.

## 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