

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-802/8020-83-5.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
8020-83-5  
**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
HYDROCARBON OILS

**Other REC Limits:**  
NONE SPECIFIED

**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/MSHA CERTIFIED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE IF VAPOR CONCENTRATION EXCEEDS PERMISSABLE EXPOSURE LIMIT.

**Ventilation:**  
USE LOCAL VENTILATION IF NECESSARY TO MAINTAIN ALLOWABLE PEL (PERMISSIBLE EXPOSURE LIMITS OR TLV (THRESHOLD LIMIT VALUE.

**Protective Gloves:**  
NEOPRENE TYPE

**Eye Protection:**  
4 CHEMICAL SAFETY GOGGLES

**Other Protective Equipment:**  
Equipment NONE STATED BY THE MANUFACTURER.

**Work Hygienic Practices:**  
WASH HANDS AFTER USING PRODUCT. DO NOT EAT , DRINK OR SMOKE IN WORKING AREA.

**Supplemental Safety and Health:**  
NONE STATED BY THE MANUFACTURER.

## Health Hazards Data

**LD50LC50Mixture:**  
UNKNOWN

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

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
N/P

**IARC:**  
N/P

**OSHA:**  
N/P

**Health Hazards Acute And Chronic:**  
PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DERMATITIS (SKIN IRRITATION).

**Explanation Of Carcinogenicity:**  
MANUFACTURER STATES THAT NO DATA AVAILABLE ON ACUTE TOXICOLOGICAL PROPERTIES.

**Signs And Symptoms Of Overexposure:**  
EYE-IRRITATION. SKIN-DRYNESS & IRRITATION.

**Medical Cond Aggravated By Exposure:**  
INDIVIDUALS WITH EXISTING SKIN DISEASES MAY BE AT INCREASED RISK.

**First Aid:**  
EYE-FLUSH WITH WATER FOR 15 MINUTES BY HOLDING EYELID OPEN. CONSULT A PHYSICIAN. SKIN-REMOVE EXCESS MATERIAL FROM SKIN WITH CLOTH OR PAPER.WASH SKIN WITH SOAP & WATER. INGESTION: CONSULT PHYSICIAN IMM EDIATELY. INHALATION OF OIL MIST OR FUMES, REMOVE TO FRESH AIR. CONTACT A PHYSICIAN IMMEDIATELY.

**Spill Release Procedures:**  
TRANSFER BULK OF MIXTURE INTO ANOTHER CONTAINER. ABSORB RESIDUE WITH INERT MATERIAL SUCH AS EARTH, SAND, OR VERMICULITE. SWEEP UP AND DISPOSE AS SOLID WASTE.

**Neutralizing Agent:**  
NONE STATED BY THE MANUFACTURER.

**Waste Disposal Methods:**  
CONSULT YOUR LOCAL ENVIRONMENTAL OFFICER. DISPOSAL SHOULD BE DONE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
3 DO NOT HANDLE OR STORE AT TEMPERATURE OVER (MAXIMUM STORAGE TEMPERATURE) 38C.

**Other Precautions:**  
DO NOT CREATE MIST. DO NOT INHALE MIST OR VAPORS. IF WORKING WITH MIST OR FUMES, OBSERVE A TWA/PEL OF 5 MG/M3 FOR MINERAL OIL MIST (OSHA AND AGGIH). WASH THOROUGHLY AFTER HANDLING.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
COC

**Flash Point:**

**Flash Point Text:**  
>400F,>204C

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
DRY CHEMICAL OR WATER FOG OR CARBON DIOXIDE OR FOAM. CLOSED CONTAINERS EXPOSED TO FIRE MAY BE COOLED WITH WATER.

**Fire Fighting Procedures:**  
DO NOT USE WATER EXCEPT AS FOG. CLOSED CONTAINERS EXPOSED TO FIRE MAY BE COOLED WITH WATER.

**Unusual Fire/Explosion Hazard:**  
NONE STATED BY THE MANUFACTURER.

## Physical/Chemical Properties

**HCC:**  
V6

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
>625F,>329C

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
<32F,<0C

**Decomp Temp:**

**Decomp Text:**  
UNKNOWN

**Vapor Pres:**  
0

**Vapor Density:**  
N/R

**Volatile Org Content %:**

**Spec Gravity:**  
N/R

**VOC Pounds/Gallon:**

**PH:** N/R

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**

**Solubility in Water:**  
NEGLEGIBLE

**Appearance and Odor:**  
VISCOUS LIQUID, COLOR IS DARK GREEN-BROWN, ODOR IS BLAND.

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

**Corrosion Rate:**  
N/P 5

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
NONE GIVEN BY THE MANUFACTURER.

**Materials To Avoid:**  
STRONG OXIDIZERS SUCH AS HYDROGEN PEROXIDE, BROMINE, AND CHROMIC ACID.

**Hazardous Decomposition Products:**  
CARBON MONOXIDE AND CARBON DIOXIDE FROM BURNING.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NONE

## 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