MATERIAL SAFETY DATA SHEET For R&D use only. Not for drug, household or other uses. Click http://www.lookchem.com/cas-900/9004-64-2.html for suppliers of this product.

Code: Μ **RTECS:** NF9050000

Code: Μ

Other REC Limits:

NΡ

NΡ

Code:

Code:

Code: Μ

NΡ Code:

OSHA PEL:

OSHA STEL:

ACGIH TLV: UNKNOWN

ACGIHSTEL:

Ventilation:

Control Measures

Handling And Storage Precautions:

CONTENTS.

Other Precautions:

Flash Point Method:

N/P

NONE

N/A

UNK

UNK

HCC: C1

N/R

NRC/State LIC No:

Boiling Point:

Melt/Freeze Pt:

M.P/F.P Text:

Decomp Temp:

Decomp Text:

Vapor Pres:

Vapor Density:

Spec Gravity:

VOC Pounds/Gallon:

VOC Grams/Liter:

Solubility in Water:

Corrosion Rate:

Stability Indicator:

Materials To Avoid:

Information:N/P

Information:N/P

Appearance and Odor:

Percent Volatiles by Volume:

Reactivity Data

Stability Condition To Avoid:

STRONG OXIDIZING AGENTS, STRONG ALKALI

Hazardous Decomposition Products: TOXIC OXIDES OF CARBON CHLORINE.

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

www.lookchem.com

Other Information:N/P

MSDS Transport Information

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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any

guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from

handling or from contact with the above product. See reverse side of invoice or packing slip for additional

WARRANTY

terms and conditions of sale.

Evaporation Rate & Reference:

Volatile Org Content %:

300

>1.0

1.26

PH: N/P

Viscosity:

N/P

SLIGHT

N/P

90.0

N/P

YES

N/A 6

B.P. Text: APPROX,105F

Net Prop WT For Ammo:

Lower Limits:

Upper Limits:

CO*2,FOAM

Extinguishing Media:

Fire Fighting Procedures:

Unusual Fire/Explosion Hazard:

Physical/Chemical Properties

Flash Point:

Flash Point Text:

Autoignition Temp:

Autoignition Temp Text:

Respiratory Protection:

Name: HYDROXYPROPYL METHYL CELLULOSE

Cas: 9004-64-2

Composition/Information on Ingredient

CANISTER TYPE MASK W/ORGANIC VAP CARTRIDGE; NEVER USE CANST W/HOPCLIT

MECHANICAL VENTILATION(LOCAL EXHAUST) **Protective Gloves: NEOPRENE Eye Protection:** CHEMICAL GOGGLES

Other Protective Equipment: Equipment SOLVENT RESISTANT BOOTS APRON **Work Hygienic Practices: Supplemental Safety and Health:** HAZ INGRD:BALANCE OF MIXTURE CONTAIN: COMPLEX FATTY AMINESALT-0.5%; MERCAPTOBENZOTHIOZOLE-0.02%;WALNUT BROWN L.S.719(DYE)-0.01%;WATER-0.70%

Health Hazards Data LD50LC50Mixture: N/P **Route Of Entry Inds - Inhalation:** Skin: N/P Ingestion:

N/P

Carcinogenicity Inds - NTP: IARC: N/P OSHA: N/P **Health Hazards Acute And Chronic:**

Explanation Of Carcinogenicity: N/P Signs And Symptions Of Overexposure: INH: DIZZ, HEAD, RESP IRRIT; SKIN: IRRIT, MAY CAUSE BLISTERS/ABSORB TOXIC AMTS. EYES: SEV IRRIR, DAMAGE TISSU **Medical Cond Aggravated By Exposure:** N/P First Aid: 4 SKIN: WASH W/SOAP & WATER, GET MD IF IRRIT/BLISTERING OCCURS; EYES: FLUSH W/LG VOL OF WATER FOR 15 MIN; INH: REMOVE TO FRESH AIR.GIVE CPR/OXY IF NEEDED; ING: DO NOT INDUCE VOMIT. DILUTE BY GIVING MILK/WATER; GE T MED ATTN IMMED FOR ANY PROBLEM.*SEE OTHER PRECAU **Spill Release Procedures:** VENTILATE AREA.WEAR PROTECTVE EQUIP.ELEMINATE IGN SOURCE.S LEAK W/O RISK.DIKE/CONTAIN SPILLAGE.WIPE UP OR ABSORB

SPILLAGE ONTO ABSORBENT MATL.RECOVER IN DRUMS/CONTNRS WHICH ARE SUITABLE FOR SHIPMEN T TO DISPOSAL LOCATION. **Neutralizing Agent:** N/P **Waste Disposal Methods:** MFGR RECOMMENDS ONE OR ALL OF THE FOLLOWING METHODS:(1) INCINERATE IN AN APPRVD INCINERATOR W APPROPRIATE FUME SCRUBBER; (2) LANDFILL IAW LOCAL, STATE, FED REGS.

TRANSPORT & STORE IN CLOSED CONTAINERS AT TEMPERATURES BELOW 90F.USE CARE IN OPENING DRUMS TO AVOID SPURTING OF

NOTE: TO PHYSICIAN: POST STERNUM CHEST PAIN MAY INDICATE ACCUM OF DANG LEV OF CARBOXY HEMOGLBN; EFFECTS OF

OVEREXPOSURE, ACUTE: MAY CAUSE ACCUM OF CARBOXYL HEMOGLBN. MAY LEAD TO ANESTHESIA/NORCOSIS.

Fire and Explosion Hazard Information

USE SELF-CNTND BRTHNG APP.DO NOT USE CANISTERS W/HOPCALITE. 5

THERMAL DECOMPOSITION MAY PRODUCE TOXIC OXIDES OF CARBON & CHLORINE.