

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-134/13446-34-9.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

13446-34-9

**Code:**

M

**RTECS:**

OO9650000

**Code:**

M

**Name:**

MANGANOUS CHLORIDE

**Other REC Limits:**

NONE RECOMMENDED

**OSHA PEL:**

NOT ESTABLISHED

**Code:**

M

**OSHA STEL:****Code:****ACGIH TLV:**

NOT ESTABLISHED

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

NONE NEEDED NORMALLY.

**Ventilation:**

LOCAL EXHAUST AND MECHANICAL(GENERAL). 3

**Protective Gloves:**

VINYL OR RUBBER.

**Eye Protection:**

SAFETY GLASSES.

**Other Protective Equipment:**

Equipment LAB COAT.

**Work Hygienic Practices:**

NONE SPECIFIED BY MANUFACTURER.

**Supplemental Safety and Health:**

PC:39915-00. KEY1:HCC=N1. PER MFG KIT NOT MANUFACTURED ANY MORE,SIZE OF CHEMS UNK.OTHER PARTS SEE CAGES 11273,CENC1,CENC2,CENC3,CENC4 ALL PNIND SAME NSN.

## Health Hazards Data

**LD50LC50Mixture:**

NONE SPECIFIED BY MANUFACTURER.

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

NO

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

ACUTE:IRRIT POSSIBLE TO SKIN AND EYES.CHRONIC:METAL POISONING.

**Explanation Of Carcinogenicity:**

N/P

**Signs And Symptoms Of Overexposure:**

(WHEN IN DOUBT CALL PHYSICIAN OR LOCAL POISON CONTROL CENTER). IRRIT SKIN AND EYES. METAL POISONING. 2

**Medical Cond Aggravated By Exposure:**

NONE KNOWN.

**First Aid:**

SKIN:WASH THOROUGHLY W/RUNING WATER.IRRIT DVLPS GET MED ADVICE.EYE:WASH W/PLENTY OF H2O @LEAST 15MINS,LIFT EYELIDS OCCASION.GET MED ATTN IMMED.INHAL:NOT EXPECTED TO REQUIRE 1STAID MEASURES.INGEST:INDU CE VOMIT IMMED BY GIVING 2GLASSES OF H2O,STICKING FINGER DOWN THROAT.NEVER GIVE ANYTHING BY MOUTH IF UNCONSC.CALL PHYSICIAN IMMED.

**Spill Release Procedures:**

ABSORB FOR DISPOSAL.CLEANUP/DISPOSAL METHODS ARE RECOMMENDATIONS ONLY.CHECK YOUR LOC/STATE/FED REGS.

**Neutralizing Agent:**

NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**

FLUSH DOWN DRAIN W/EXCESS WATER. CLEANUP/DISPOSAL METHODS ARE RECOMMENDATIONS ONLY.CHECK YOUR LOC/STATE/FED REGS.

**Handling And Storage Precautions:**

STORE IN COOL DRY LOCATION.

**Other Precautions:**

NONE SPECIFIED BY MANUFACTURER.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:**

NA

**Flash Point Text:**

NA

**Autoignition Temp:**

NA

**Autoignition Temp Text:**

NP

**Lower Limits:**

NP

**Upper Limits:**

NP

**Extinguishing Media:**

USE ANY MEDIUM SUITABLE FOR EXTINGUISHING SUPPORTING FIRE.

**Fire Fighting Procedures:**

IN EVENT OF FIRE WEAR FULL PROTECTIVE CLOTH & NIOSH-APPROV SELF-CONTAIN BREATH APPARATUS W/FULL FCPCE OPERATED IN PRESSURE DEMAND OR OTHER +PRESSURE MODE.

**Unusual Fire/Explosion Hazard:**

NOT CONSIDERED TO BE A FIRE/EXPLOSION HAZARD.

## Physical/Chemical Properties

**HCC:**

V1

**NRC/State LIC No:**

N/R

**Net Prop WT For Ammo:**

NA

**Boiling Point:**

NA

**B.P. Text:**

212F,100C

**Melt/Freeze Pt:**

NA

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

32F,0C

**Decomp Temp:**

NA

**Decomp Text:**

NA

**Vapor Pres:**

NA

**Vapor Density:**

NA

**Volatile Org Content %:**

NA

**Spec Gravity:**

1

**VOC Pounds/Gallon:**

NA

**PH:**

NP

**VOC Grams/Liter:**

NA

**Viscosity:**

NP

**Evaporation Rate & Reference:**

NA

**Solubility in Water:**

100%

**Percent Volatiles by Volume:**

NA

**Corrosion Rate:**

NP

**Reactivity Data****Stability Indicator:**

YES

**Stability Condition to Avoid:**

STABILITY CONDITION TO AVOID

NONE

**Materials To Avoid:**

ACIDS

**Hazardous Decomposition Products:**

NONE KNOWN

**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

## LookChem

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