

# **MATERIAL SAFETY DATA SHEET**

REVISION DATE: 12/18/2013 REVISION NUMBER: 4

**DATE PRINTED:** 12/18/2013

### 1. CHEMICAL PRODUCT

PRODUCT NAME: RCHA6350 CHELANT REAGENT B

PRODUCT CODE: RCHA6350

NFPA/HMIS HAZARD CODES(minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health:3/3Fire:0/0Reactivity:0/0Special/Protective Equipment:Acid/B

NAME OF THE Rochester Midland Corporation

MANUFACTURER: 155 Paragon Drive

Rochester, New York 14624

**USA** 

Emergency Phone:

INFOTRAC: 1-800-535-5053 OUTSIDE US: 1-352-323-3500

## 2. HAZARDS IDENTIFICATION

#### **EFFECTS FROM ACUTE EXPOSURE:**

**INGESTION:** May be fatal if swallowed. May cause burns to mucous membranes of mouth, throat, and

digestive tract.

**SKIN CONTACT:** Causes severe burns.

**INHALATION:** Harmful if inhaled. May cause damage to nasal and respiratory passages.

EYE CONTACT: May Cause Eye Burns. May cause permanent eye damage.

CHRONIC EFFECTS: None known.

**EFFECTS/CARCINOGENICITY:** None listed under OSHA, IARC, or NTP.

**ROUTES OF ENTRY:** Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

# 3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	ACGIH TLV	OSHA PELs
Hydrochloric Acid 7647-01-0	50	Not applicable	Not applicable

### 4. FIRST AID MEASURES

**INGESTION:** Get immediate medical attention. Do not induce vomiting. Slowly dilute with 1-2 glasses of

water or milk and seek medical attention. Never give anything by mouth to an unconscious

person.

**SKIN:** Flush with water for at least 15 minutes while removing all contaminated clothing and shoes.

Get medical attention if irritation persists.

**INHALATION:** Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult,

get immediate medical attention.

**EYES:** Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate

medical attention.

NOTES TO PHYSICIAN: Treatment based on sound judgment of physician and individual reactions of patient.

# 5. FIRE AND EXPLOSION HAZARD DATA

## **RCHA6350 CHELANT REAGENT B**

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: (F): Not determined (C): Not

determined

METHOD: None

FLAMMABLE LIMITS IN AIR

LOWER (%):

UPPER (%):

No data

No data

SENSITIVITY TO MECHANICAL IMPACT(Y/N): NO

SENSITIVITY TO STATIC DISCHARGE: Sensitivity to static discharge is not expected.

SUITABLE EXTINGUISHING MEDIA: As for surrounding fire.

FIRE FIGHTING PROCEDURES: Fire-fighters should wear self-contained breathing apparatus and

full protective clothing when fighting chemical fires.

## 6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

**SMALL SPILLS:** Pick up with absorbant material.

**LARGE SPILLS:** Dike to contain. Pick up with absorbant material. Put in suitable container for disposal.

PERSONAL PRECAUTIONS: Not applicable ENVIRONMENTAL PRECAUTIONS: Not applicable METHODS FOR CLEANING UP: Not applicable

## 7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN Wash thoroughly after handling. Avoid contact with skin and eyes. Keep from freezing.

IN HANDLING AND STORAGE:

**OTHER PRECAUTIONS:** No other spill procedures necessary.

**SPECIFIC USE(S):** Not applicable.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### PROTECTIVE EQUIPMENT:



**EXPOSURE CONTROLS:** Use in a well ventilated area.

**RESPIRATORY PROTECTION:** If product is used in a manner which creates vapor or mist above recommended exposure

limits, a NIOSH/MSHA approved organic respirator may be needed in the absence of proper

environmental controls.

PROTECTIVE GLOVES: Chemical resistant gloves are recommended to minimize skin contact.

**EYE PROTECTION:** Safety Glasses. Goggles.

OTHER PERSONAL PROTECTION Eyewash fountains and safety showers must be easily accessible.

**EQUIPMENT:** 

**VENTILATION:** Use local exhaust to control to recommended P.E.L. or TLV.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear. Colorless Green Yellow liquid. Pungent odor. BOILING POINT (F): 212° F (C) 100° C

VAPOR PRESSURE:
VAPOR DENSITY (AIR=1):
SOLUBILITY IN WATER:
SPECIFIC GRAVITY:
VOC Content (%):
Not determined
Not determined
Not determined
Not determined

**PH**: < 1

### RCHA6350 CHELANT REAGENT B

## 9. PHYSICAL AND CHEMICAL PROPERTIES

# 10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE POLYMERIZATION: Will Not Occur.

**HAZARDOUS DECOMPOSITION:** Hydrogen chloride gas. Chloride compounds.

INCOMPATIBILITY (MATERIALS TO Contact with oxidizing agents. Bases, such as caustic soda, bleach, ammonia, etc. Metals.

AVOID):

CONDITIONS/HAZARDS TO AVOID: Extreme heat, direct sunlight.

## 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Not Established EFFECTS OF CHRONIC EXPOSURE: Not established. OTHER TOXIC EFFECTS: Not established.

## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL** No data at this time

**INFORMATION:** 

CHEMICAL FATE INFORMATION:
MOBILITY:
PERSISTENCE/DEGRADABILITY:
BIOACCUMULATIVE POTENTIAL:
OTHER ADVERSE EFFECTS:
No data at this time.
Not applicable.
Not applicable
Not applicable

### 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHODS:** Dispose in accordance with Federal, State and Local regulations.

# 14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

# 15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
Hydrochloric Acid 7647-01-0	50	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Hydrochloric Acid 7647-01-0	50	2270 kg 5000 lb	5000 lb RQ = 500 lb TPQ gas only	= 1.0 % de minimis concentration acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Hydrochloric Acid 7647-01-0	50	Listed

The following components of this material are included in the Massachusetts Substance List and are present at or above reportable levels.

# **RCHA6350 CHELANT REAGENT B**

PRODUCT COMPOSITION CAS#	%	MARTK:
Hydrochloric Acid 7647-01-0	50	Listed

The following components of this material are included in the New Jersey Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	NJRTK:
Hydrochloric Acid 7647-01-0	50	Listed

The following components of this material are included in the Pennsylvania Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION	%	PARTK:
CAS#		
Hydrochloric Acid	50	Listed
7647-01-0		

# **16. OTHER INFORMATION**

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

\*\*\* END OF MSDS \*\*\*