



MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/17/2012

REVISION NUMBER:

2

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PREPARED BY:

EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **RCPH1605 Phenolphthalein Indicator**

PRODUCT CODE: RCPH1605

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

Health: 1/1

Fire: 2/2

Reactivity: 0/0

Special/Protective Equipment: None/B

NAME OF THE MANUFACTURER: Rochester Midland Corporation
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: Nausea. Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, muscular weakness, incoordination, slowed reaction time, fatigue blurred vision, slurred speech, giddiness, tremors and convulsions.

SKIN CONTACT: Causes moderate skin irritation.

INHALATION: Causes moderate respiratory irritation.

EYE CONTACT: 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
Phenolphthalein 77-09-8	0.5	Not applicable	Not applicable
Isopropyl alcohol 67-63-0	50	200 ppm	400 ppm 980 mg/m ³

4. FIRST AID MEASURES

INGESTION: Induce vomiting.

SKIN: Remove contaminated clothing. Wash skin with water, using soap if available.

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: None.

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	(F): Approx. 13° C (Isopropanol) (C): Not determined
METHOD:	TCC
FLAMMABLE LIMITS IN AIR	
LOWER (%):	NE
UPPER (%):	NE
SENSITIVITY TO MECHANICAL IMPACT(Y/N):	NO
SENSITIVITY TO STATIC DISCHARGE:	Sensitivity to static discharge is not expected.
SUITABLE EXTINGUISHING MEDIA:	Carbon dioxide. Alcohol foam. Dry chemical.
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 IN HANDLING AND STORAGE:	Emptied containers may retain hazardous properties. Do not cut, puncture or weld on or near the container. Keep container closed. Store in a cool, dry location away from incompatible materials. Wash thoroughly after handling.
OTHER PRECAUTIONS:	No other spill procedures necessary.
SPECIFIC USE(S):	Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:	Exhaust ventilation.
RESPIRATORY PROTECTION:	If atmospheric/employee monitoring indicates exposure above the TLV/PEL, use the following respiratory protection: Wear self-contained breathing apparatus.
PROTECTIVE GLOVES:	Rubber gloves.
EYE PROTECTION:	Goggles.
OTHER PERSONAL PROTECTION EQUIPMENT:	None known.
VENTILATION:	Use local exhaust ventilation as needed if spill occur.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Clear. Colorless Light pink liquid. Alcohol scent.
BOILING POINT (F):	Approx. 82° C (C) Not determined
VAPOR PRESSURE:	Approx. 33° C
VAPOR DENSITY (AIR=1):	NA
SOLUBILITY IN WATER:	Infinite
SPECIFIC GRAVITY:	0.85 - 0.95
VOC Content (%):	NE
EVAPORATION RATE:	NE

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9. PHYSICAL AND CHEMICAL PROPERTIES

PH: NE

10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
 POLYMERIZATION: Will Not Occur.
 HAZARDOUS DECOMPOSITION: Toxic fumes. Oxides of Carbon.
 INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizing materials. Aldehydes.
 CONDITIONS/HAZARDS TO AVOID: Keep away from heat, sparks and flame. Strong oxidizers. Acids.

11. TOXICOLOGICAL INFORMATION

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

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time
 CHEMICAL FATE INFORMATION: No data at this time.
 MOBILITY: Not applicable.
 PERSISTENCE/DEGRADABILITY: Not applicable
 BIOACCUMULATIVE POTENTIAL: Not applicable
 OTHER ADVERSE EFFECTS: 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:
Phenolphthalein 77-09-8	0.5	Listed	Listed	Listed	Listed
Isopropyl alcohol 67-63-0	50	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Phenolphthalein 77-09-8	0.5	Not Listed	Not Listed	Not Listed
Isopropyl alcohol 67-63-0	50	Not Listed	Not Listed	= 1.0% de minimis concentration only if manufactured by the strong acid process, no supplier notification.

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PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Isopropyl alcohol 67-63-0	50	Listed

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

PRODUCT COMPOSITION CAS#	%	MARTK:
Isopropyl alcohol 67-63-0	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:
Phenolphthalein 77-09-8	0.5	Listed
Isopropyl alcohol 67-63-0	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 CAS#	%	PARTK:
Isopropyl alcohol 67-63-0	50	Listed

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 ***