

MATERIAL SAFETY DATA SHEET

REVISION DATE: 10/28/2008 **REVISION NUMBER:**

DATE PRINTED: 11/11/2008 PREPARED BY: **EH&S DEPARTMENT**

CHEMICAL PRODUCT

PRODUCT NAME: RC-7001-1, O.P. Buffer

PRODUCT CODE:

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

2/2 0/0 Health: Fire: 0/0 **Special/Protective Equipment:** Reactivity: Acid/B

NAME OF THE **Rochester Midland Corporation** Information: 585-336-2200

MANUFACTURER: 333 Hollenbeck Street **Emergency Phone:**

Rochester, New York 14621 INFOTRAC: 1-800-535-5053

OUTSIDE US: 1-352-323-3500

HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: Harmful if swallowed.

Prolonged contact can cause skin damage. **SKIN CONTACT:**

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

EYE CONTACT: May cause permanent eye damage.

CHRONIC EFFECTS: None known.

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

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

COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	ACGIH TLV	OSHA PELs
FORMIC ACID % 64-18-6	30	5 ppm	5 ppm 9 mg/m³

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.

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

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

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.

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F): Nonflammable (C): NA

METHOD: TCC

FLAMMABLE LIMITS IN AIR

RC-7001-1, O.P. Buffer

- LOWER (%): NE - UPPER (%): NE

SENSITIVITY TO MECHANICAL IMPACT(Y/N):

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

SUITABLE EXTINGUISHING MEDIA: Dry chemical.

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

NO

full protective clothing when fighting chemical fires.

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: NA **ENVIRONMENTAL PRECAUTIONS:** NA **METHODS FOR CLEANING UP:** NA

HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN Keep container closed. Store in a cool, dry location away from incompatible materials. Wash IN HANDLING AND STORAGE: thoroughly after handling. Emptied containers may retain hazardous properties. Do not cut,

puncture or weld on or near the container. **OTHER PRECAUTIONS:** No other spill procedures necessary.

SPECIFIC USE(S): NA

EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:

EXPOSURE CONTROLS: Exhaust ventilation.

RESPIRATORY PROTECTION: Use in a well ventilated area. 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 None known. **EQUIPMENT:**

VENTILATION: Use local exhaust ventilation as needed if spill occur.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear, colorless liquid.

BOILING POINT (F): NA (C) NA

VAPOR PRESSURE: NA **VAPOR DENSITY (AIR=1):** NA **SOLUBILITY IN WATER:** NA **SPECIFIC GRAVITY:** NA VOC Content (%): NE **VOV Content (%):** NE **EVAPORATION RATE:** NE PH: NA

10. STABILITY AND REACTIVITY

RC-7001-1, O.P. Buffer

10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
POLYMERIZATION: Will Not Occur.
HAZARDOUS DECOMPOSITION: Toxic fumes.

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

AVOID):

Strong alkalies.

CONDITIONS/HAZARDS TO AVOID: Keep away from heat, sparks and flame.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: NE
EFFECTS OF CHRONIC EXPOSURE: NE
OTHER TOXIC EFFECTS: NE

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL No data at this time INFORMATION: CHEMICAL FATE INFORMATION: No data at this time.

MOBILITY: NA
PERSISTENCE/DEGRADABILITY: NA
BIOACCUMULATIVE POTENTIAL: NA
OTHER ADVERSE EFFECTS: NA

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:
FORMIC ACID % 64-18-6	30	Listed	Listed Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
FORMIC ACID % 64-18-6	30	2270 kg 5000 lb	Not Listed	Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
FORMIC ACID % 64-18-6	30	Listed

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

10 10101		
PRODUCT COMPOSITION	%	MARTK:
CAS#		
FORMIC ACID %	30	Listed
64-18-6		

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

RC-7001-1, O.P. Buffer

PRODUCT COMPOSITION CAS#	%	NJRTK:
FORMIC ACID % 64-18-6	30	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:
FORMIC ACID % 64-18-6	30	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 ***