



MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/20/2012

REVISION NUMBER: 1

DATE PRINTED: 04/20/2012

1. CHEMICAL PRODUCT

PRODUCT NAME: **RFST5005 CHLORINE DIOXIDE #3**

PRODUCT CODE: RFST5005

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

Health: 1/1

Fire: 0/0

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: Swallowing large amounts may cause digestive discomfort.
SKIN CONTACT: May cause mild skin irritation.
INHALATION: None in normal use.
EYE CONTACT: May cause mild eye irritation.
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
Salicylic Acid 69-72-7	0.1	Not applicable	Not applicable
Starch 9005-25-8	0.5	10 mg/m ³	15 mg/m ³ 5 mg/m ³

4. FIRST AID MEASURES

INGESTION: 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 skin with large amounts of water. If irritation persists, get medical attention.
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:

5. FIRE AND EXPLOSION HAZARD DATA

METHOD:	(F): Not determined determined None	(C): Not
FLAMMABLE LIMITS IN AIR		
LOWER (%):	No data	
UPPER (%):	No data	
SENSITIVITY TO MECHANICAL IMPACT(Y/N):	NO	
SENSITIVITY TO STATIC DISCHARGE:	Sensitivity to static discharge is not expected.	
SUITABLE EXTINGUISHING MEDIA:	As appropriate for surrounding fire-product is mostly water and will not burn.	
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. Flush residue with water.
LARGE SPILLS:	Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with water.

PERSONAL PRECAUTIONS: Wear adequate personal protective equipment, see Section 8, Exposure Controls/Personal Protection.

ENVIRONMENTAL PRECAUTIONS: Not applicable

METHODS FOR CLEANING UP: Not applicable

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	Wash hands before eating and smoking. Avoid contact with skin and eyes. Keep from freezing.
OTHER PRECAUTIONS:	Avoid generating or breathing dust.
SPECIFIC USE(S):	No other spill procedures necessary.
	Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:	Ensure adequate ventilation, especially in confined areas.
RESPIRATORY PROTECTION:	None normally required.
PROTECTIVE GLOVES:	Chemical resistant gloves are recommended to minimize skin contact.
EYE PROTECTION:	Safety glasses are recommended to minimize eye contact.
OTHER PERSONAL PROTECTION EQUIPMENT:	Eyewash fountains and safety showers must be easily accessible. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product.
VENTILATION:	Ordinary ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Translucent white liquid. Organic Odor.	
BOILING POINT (F):	Not determined	(C) Not determined
VAPOR PRESSURE:	Not determined	
VAPOR DENSITY (AIR=1):	Not determined	
SOLUBILITY IN WATER:	Not determined	
SPECIFIC GRAVITY:	Not determined	
VOC Content (%):	Not determined	

9. PHYSICAL AND CHEMICAL PROPERTIES

EVAPORATION RATE: Not determined
 PH: Not determined

10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
 POLYMERIZATION: Will Not Occur.
 HAZARDOUS DECOMPOSITION: Oxides of Carbon.
 INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizing materials.
 CONDITIONS/HAZARDS TO AVOID: None known.

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:
Salicylic Acid 69-72-7	0.1	Not Listed	Not Listed	Not Listed	Not Listed
Starch 9005-25-8	0.5	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Salicylic Acid 69-72-7	0.1	Not Listed	Not Listed	Not Listed
Starch 9005-25-8	0.5	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Starch 9005-25-8	0.5	<row><value>Uncontrolled product according to WHMIS classification criteria</value></row> Uncontrolled product according to WHMIS classification criteria

RFST5005 CHLORINE DIOXIDE #3

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:
Starch 9005-25-8	0.5	Listed

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

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:
Starch 9005-25-8	0.5	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 ***