



MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/23/2012

REVISION NUMBER:

1

DATE PRINTED: 04/23/2012

PREPARED BY:

EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **RFST7705 SODIUM THIOSULFATE 0.0365N**
PRODUCT CODE: RFST7705

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: Acid/B, 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: May cause mild respiratory irritation.
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
Sodium Thiosulfate 10102-17-7	<5	Not applicable	Not applicable
Sodium Tetraborate 1303-96-4	<1	2 mg/m ³	Not applicable
WATER 7732-18-5	>94	Not applicable	Not applicable

4. FIRST AID MEASURES

INGESTION: Drink one or two glasses of water. Get medical attention. Never give anything by mouth to an unconscious person.
SKIN: Remove contaminated clothing. Wash skin with water, using soap if available. 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: None.

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	(F): Not determined (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:	As appropriate for surrounding fire-product is mostly water and will not burn.
FIRE FIGHTING PROCEDURES:	Use standard firefighting techniques: Water spray, dry chemicals, or foam. Wear full protective clothing. Wear respiratory protection if in a confined area.

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.
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 thoroughly after handling. Avoid contact with skin and eyes. Store between 32° F and 120°F.
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:	Use in a well ventilated area.
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:	Use only in well ventilated area.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Clear, colorless liquid.	
BOILING POINT (F):	212°	(C) 100°
VAPOR PRESSURE:	NA	
VAPOR DENSITY (AIR=1):	>1	
SOLUBILITY IN WATER:	Not determined	
SPECIFIC GRAVITY:	1	

9. PHYSICAL AND CHEMICAL PROPERTIES

VOC Content (%): Not determined
 EVAPORATION RATE: Not determined
 PH: Not determined

10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
 POLYMERIZATION: Will Not Occur.
 HAZARDOUS DECOMPOSITION: Oxides of Sulfur. Oxides of Sodium.
 INCOMPATIBILITY (MATERIALS TO AVOID): Acids. Nitrates.
 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:
Sodium Thiosulfate 10102-17-7	<5	Not Listed	Not Listed	Listed	Not Listed
Sodium Tetraborate 1303-96-4	<1	Listed	Not Listed	Listed	Not Listed
WATER 7732-18-5	>94	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Sodium Thiosulfate 10102-17-7	<5	Not Listed	Not Listed	Not Listed
Sodium Tetraborate 1303-96-4	<1	Not Listed	Not Listed	Not Listed
WATER 7732-18-5	>94	Not Listed	Not Listed	Not Listed

RFST7705 SODIUM THIOSULFATE 0.0365N

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Sodium Thiosulfate 10102-17-7	<5	<row><value>Uncontrolled product according to WHMIS classification criteria</value></row> Uncontrolled product according to WHMIS classification criteria
Sodium Tetraborate 1303-96-4	<1	Listed
WATER 7732-18-5	>94	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:
Sodium Tetraborate 1303-96-4	<1	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:
Sodium Tetraborate 1303-96-4	<1	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:
Sodium Tetraborate 1303-96-4	<1	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 *****