



## MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/19/2012

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4

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PREPARED BY:

EH&S DEPARTMENT

### 1. CHEMICAL PRODUCT

PRODUCT NAME: **OS-4000S**

PRODUCT CODE: 119141

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/C

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:** Causes vomiting, nausea, and diarrhea. May cause allergic reaction in sulfite sensitive individuals.  
**SKIN CONTACT:** May cause mild skin irritation. May cause an allergic skin reaction.  
**INHALATION:** May irritate mouth, nose, and throat. May cause allergic respiratory reaction.  
**EYE CONTACT:** May cause irritation and redness. May Cause Eye Burns.  
**CHRONIC EFFECTS:** None expected in normal use.  
**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 sulfite 7757-83-7	> 80	Not applicable	Not applicable

### 4. FIRST AID MEASURES

**INGESTION:** Drink several glasses of water or milk. Get immediate 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:** If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.  
**EYES:** In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.  
**NOTES TO PHYSICIAN:** None.

### 5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:

**5. FIRE AND EXPLOSION HAZARD DATA**

<b>METHOD:</b>	(F): Not determined determined None	(C): Not determined
<b>FLAMMABLE LIMITS IN AIR</b>		
<b>LOWER (%):</b>	No data	
<b>UPPER (%):</b>	No data	
<b>SENSITIVITY TO MECHANICAL IMPACT(Y/N):</b>	NO	
<b>SENSITIVITY TO STATIC DISCHARGE:</b>	Sensitivity to static discharge is not expected.	
<b>SUITABLE EXTINGUISHING MEDIA:</b>	As for surrounding fire.	
<b>FIRE FIGHTING PROCEDURES:</b>	Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Cool exposed containers with water spray.	

**6. ACCIDENTAL RELEASE MEASURES****SPILL PROCEDURES:****SMALL SPILLS:**

Flush with water.

**LARGE SPILLS:**

Reclaim as much as possible. Shovel or sweep up residue and place in suitable containers. Neutralize with lime, soda ash, or sodium bicarbonate. Flush remainder with water.

**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:**

Avoid contact with skin and eyes. Avoid breathing dust; if exposed to high dust concentration, leave area immediately. Keep container closed when not in use. Store in a cool, dry area.

Use only with adequate ventilation.

**OTHER PRECAUTIONS:**

No other spill procedures necessary.

**SPECIFIC USE(S):**

Not applicable.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****PROTECTIVE EQUIPMENT:****EXPOSURE CONTROLS:**

None known.

**RESPIRATORY PROTECTION:**

NIOSH approved respirator if spray mist in air causes irritation.

**PROTECTIVE GLOVES:**

Nitrile, neoprene, or other appropriate gloves are recommended to minimize hand skin contact.

**EYE PROTECTION:**

Safety glasses are recommended to minimize eye contact.

**OTHER PERSONAL PROTECTION EQUIPMENT:**

Appropriate protective clothing as needed to prevent skin contact. 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:**

General mechanical and/or local exhaust as needed to meet exposure limits if mist in air.

**9. PHYSICAL AND CHEMICAL PROPERTIES****APPEARANCE AND ODOR:**

Near black amorphous solid. Characteristic 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: Approx. 10 (1% solution)

**10. STABILITY AND REACTIVITY**

STABILITY DATA: STABLE  
POLYMERIZATION: Will Not Occur.  
HAZARDOUS DECOMPOSITION: When heated to high temperatures, the following may be produced: Sulfur dioxide.  
INCOMPATIBILITY (MATERIALS TO AVOID): Do not mix with: Acids. Strong oxidents, such as nitric acid, or hypochlorites. May release sulfur dioxide.  
CONDITIONS/HAZARDS TO AVOID: Open flames. 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 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 sulfite 7757-83-7	> 80	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Sodium sulfite 7757-83-7	> 80	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Sodium sulfite 7757-83-7	> 80	Listed

None of the components of this material are included in the Massachusetts Substance List nor are present at or above reportable levels.

None of the components of this material are included in the New Jersey Substance List nor are present at or above reportable levels.

None of the components of this material are included in the Pennsylvania Substance List nor are present at or above reportable levels.

## 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 \*\*\*