



MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/10/2014

REVISION NUMBER: 1

DATE PRINTED: 04/10/2014

1. CHEMICAL PRODUCT

PRODUCT NAME: **OS-4001S**

PRODUCT CODE: 119696

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

Health: 2/2

Fire: 0/0

Reactivity: 1/1

Special/Protective Equipment: None/B

Emergency Phone:

INFOTRAC: 1-800-535-5053

OUTSIDE US: 1-352-323-3500

DISTRIBUTED BY: Rochester Midland Corporation
155 Paragon Drive
Rochester, NY 14624

2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: May be harmful if swallowed. Causes irritation of the stomach and intestines, resulting in nausea and/or vomiting. May cause allergic reaction in sulfite sensitive individuals. Very large doses may cause diarrhea, depression, colic and death. May also cause severe allergic reactions in sensitive individuals.

SKIN CONTACT: Moderate Skin Irritation: signs/symptoms can include redness, swelling, itching, and dryness. May cause an allergic skin reaction.

INHALATION: Causes irritation of the mouth, nose, and throat. May cause allergic respiratory reaction.

EYE CONTACT: Moderate Eye Irritation: signs/symptoms can include redness, swelling, pain, tearing, and hazy vision.

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 sulfite 7757-83-7	80 - 90	Not applicable	Not applicable
Sodium lignosulfonate 8061-51-6	1 - 5	Not applicable	Not applicable

4. FIRST AID MEASURES

INGESTION: Get immediate medical attention. DO NOT INDUCE VOMITING. Rinse mouth with water many times. Drink several glasses of water or milk. Never give anything by mouth to an unconscious person.

SKIN: Get medical attention. Flush with water for at least 15 minutes while removing all contaminated clothing and shoes.

4. FIRST AID MEASURES

INHALATION:	Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention. Do not do mouth-to-mouth resuscitation.
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): None (C): None
METHOD:	None
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 for surrounding fire.
FIRE FIGHTING PROCEDURES:	Product will melt and combustion may occur when exposed to fire. Toxic vapors are emitted in a fire condition. Use water spray to cool nearby containers and structures exposed to fire. Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires.

6. ACCIDENTAL RELEASE MEASURES

<u>SPILL PROCEDURES:</u>	
SMALL SPILLS:	Reclaim as much as possible.
LARGE SPILLS:	Reclaim as much as possible. Shovel or sweep up residue and place in suitable containers.
PERSONAL PRECAUTIONS:	Remove all sources of ignition. Wear adequate personal protective equipment, see Section 8, Exposure Controls/Personal Protection.
ENVIRONMENTAL PRECAUTIONS:	Keep out of drains, sewers, streams, or other bodies of water.
METHODS FOR CLEANING UP:	Not applicable

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	Wash hands before eating and smoking. Do not breathe mist or vapors. Avoid contact with skin and eyes. Use in a well ventilated area to prevent irritation by vapors. Do not reuse this container. Store in a cool, dry location away from incompatible materials. Store in a dry location away from heat and direct sunlight. Keep away from heat and sources of ignition. Store in a well ventilated area. Keep container closed when not in use.
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:	Chemical resistant gloves are recommended to minimize 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:	Local exhaust ventilation recommended. Explosion-proof equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Near black amorphous solid. Characteristic odor.
BOILING POINT (F): None (C) None
VAPOR PRESSURE: Not determined
VAPOR DENSITY (AIR=1): Not determined
SOLUBILITY IN WATER: Not determined
SPECIFIC GRAVITY: Not determined
VOC Content (%): Not determined
EVAPORATION RATE: Not determined
PH: 11 @ 4%

10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
POLYMERIZATION: Will Not Occur.
HAZARDOUS DECOMPOSITION: Carbon Monoxide. Oxides of Sodium. Sulfur dioxide.
INCOMPATIBILITY (MATERIALS TO AVOID): Acids. Oxidizing materials.
CONDITIONS/HAZARDS TO AVOID: 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 - 90	Listed	Listed	Listed	Not Listed
Sodium lignosulfonate 8061-51-6	1 - 5	Listed	Listed	Listed	Not Listed

OS-4001S

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Sodium sulfite 7757-83-7	80 - 90	Not Listed	Not Listed	Not Listed
Sodium lignosulfonate 8061-51-6	1 - 5	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Sodium sulfite 7757-83-7	80 - 90	Listed

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

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.

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 ***