



with **ASHLAND** TECHNOLOGY

MATERIAL SAFETY DATA SHEET

REVISION DATE: 11/20/2012

REVISION NUMBER: 1

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1. CHEMICAL PRODUCT

PRODUCT NAME: **ENVIROPLUS 7470**

PRODUCT CODE: 119350

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
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2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION:	Large amounts may cause irritation, nausea, diarrhea.
SKIN CONTACT:	May cause mild skin irritation.
INHALATION:	Breathing small amounts during handling is not likely to cause harmful effects. High vapor levels cause respiratory irritation
EYE CONTACT:	May cause moderate 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 Glucoheptonate 31138-65-5	20 - 30	Not applicable	Not applicable
Sodium gluconate 527-07-1	10 - 15	Not applicable	Not applicable

4. FIRST AID MEASURES

INGESTION:	Call a physician or Poison Control Center immediately.
SKIN:	Remove contaminated clothing and launder before reuse. Wash with soap and water. 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:	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 to boiling (C): None to boiling

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: Dry chemical. Carbon dioxide. Water.

FIRE FIGHTING PROCEDURES: Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Use water spray to cool nearby containers and structures exposed to fire.

6. 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: 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: Store in a cool, dry location away from incompatible materials. Store in a well ventilated area. Keep from freezing. Empty containers may contain product residue. Emptied containers may retain hazardous properties. Do not cut, puncture or weld on or near the container. Wash thoroughly after handling.

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: Use approved NIOSH respiratory protection if TLV/PEL exceeded or if over exposure is likely.

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: 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: Mechanical ventilation as needed.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Dark brown liquid. Sweet odor.

BOILING POINT (F): 212° (C) 100°

VAPOR PRESSURE: 17.5 mm Hg

VAPOR DENSITY (AIR=1): Not determined

SOLUBILITY IN WATER: Not determined

SPECIFIC GRAVITY: 1.197 - 1.227

9. PHYSICAL AND CHEMICAL PROPERTIES

VOC Content (%): Not determined
 EVAPORATION RATE: Not determined
 PH: 7.5 - 8.5

10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
 POLYMERIZATION: Will Not Occur.
 HAZARDOUS DECOMPOSITION: Carbon Dioxide. Carbon Monoxide. Nitrogen oxides. Toxic fumes.
 INCOMPATIBILITY (MATERIALS TO AVOID): Reducing agents. 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:
Sodium Glucoheptonate 31138-65-5	20 - 30	Listed	Listed	Listed	Not Listed
Sodium gluconate 527-07-1	10 - 15	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Sodium Glucoheptonate 31138-65-5	20 - 30	Not Listed	Not Listed	Not Listed
Sodium gluconate 527-07-1	10 - 15	Not Listed	Not Listed	Not 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.

ENVIROPLUS 7470

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 *****