



with **ASHLAND** TECHNOLOGY

MATERIAL SAFETY DATA SHEET

REVISION DATE: 07/15/2013

REVISION NUMBER: 1

DATE PRINTED: 07/18/2013

1. CHEMICAL PRODUCT

PRODUCT NAME: **ENVIROPLUS 325**

PRODUCT CODE: 119356

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

Health: 3/3

Fire: 0/0

Reactivity: 0/0

Special/Protective Equipment: ALK/D

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: May be harmful if swallowed. May be fatal if swallowed. Causes burns of the mouth, throat and stomach. May cause headache, dizziness, nausea, vomiting, gastrointestinal irritation and central nervous system depression.

SKIN CONTACT: May cause skin burns. May cause redness and blistering of skin.

INHALATION: May be harmful if inhaled. May be fatal if inhaled. Can cause damage to mucous membranes of nose, throat, respiratory tract and lung tissue depending on severity of exposure.

EYE CONTACT: May cause permanent eye damage. May cause corneal injury. May cause blindness. Causes redness and tearing.

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 polyaspartate 181828-06-8	5 - 10	Not applicable	Not applicable
Sodium salt of Phosphono- butanetricarboxylic Acid 40372-66-5	1 - 5	Not applicable	Not applicable
Sodium polymaleate 70247-90-4	1 - 5	Not applicable	Not applicable
Sodium tolytriazole 64665-57-2	1 - 5	Not applicable	Not applicable

4. FIRST AID MEASURES

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

4. FIRST AID MEASURES

SKIN:	Flush with water for at least 15 minutes while removing all contaminated clothing and shoes. Get medical attention.
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.
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ENVIRONMENTAL PRECAUTIONS:	Keep out of drains, sewers, streams, or other bodies of water.
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METHODS FOR CLEANING UP:	Not applicable
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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. Emptied containers may retain hazardous properties. Do not cut, puncture or weld on or near the container.
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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:	Nitrile, neoprene, or other appropriate gloves are recommended to minimize hand skin contact.
EYE PROTECTION:	Goggles and face shield 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:	Mechanical ventilation as needed. Corrosion resistant equipment recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Clear amber liquid. Clear brown liquid. Organic Odor.
BOILING POINT (F):	212° (C) 100°
VAPOR PRESSURE:	Not determined
VAPOR DENSITY (AIR=1):	Not determined
SOLUBILITY IN WATER:	Not determined
SPECIFIC GRAVITY:	1.233 - 1.250
BULK DENSITY:	10.34
VOC Content (%):	0
EVAPORATION RATE:	Not determined
PH:	13 min.

10. STABILITY AND REACTIVITY

STABILITY DATA:	STABLE
POLYMERIZATION:	Will Not Occur.
HAZARDOUS DECOMPOSITION:	Carbon Dioxide. Carbon Monoxide. Nitrogen oxides.
INCOMPATIBILITY (MATERIALS TO AVOID):	Alkali metals. Metal salts such as aluminum chloride. Acids. Reducing agents.
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.
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14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

15. REGULATORY INFORMATION

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PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
Sodium polyaspartate 181828-06-8	5 - 10	Listed	Not Listed	Listed	Not Listed
Sodium salt of Phosphono- butanetricarboxylic Acid 40372-66-5	1 - 5	Listed	Listed	Listed	Not Listed
Sodium polymaleate 70247-90-4	1 - 5	Listed	Not Listed	Not Listed	Not Listed
Sodium tolytriazole 64665-57-2	1 - 5	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Sodium polyaspartate 181828-06-8	5 - 10	Not Listed	Not Listed	Not Listed
Sodium salt of Phosphono- butanetricarboxylic Acid 40372-66-5	1 - 5	Not Listed	Not Listed	Not Listed
Sodium polymaleate 70247-90-4	1 - 5	Not Listed	Not Listed	Not Listed
Sodium tolytriazole 64665-57-2	1 - 5	Not Listed	Not Listed	Not 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 *****