



## MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/19/2012

REVISION NUMBER: 1

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### 1. CHEMICAL PRODUCT

PRODUCT NAME: **AUGMENT P-4**

PRODUCT CODE: 106830

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

Health: 1/1

Fire: 1/1

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

### 2. HAZARDS IDENTIFICATION

#### EFFECTS FROM ACUTE EXPOSURE:

**INGESTION:** Low toxicity in small quantities. Irritation of the mouth, throat, and stomach.  
**SKIN CONTACT:** May cause an allergic skin reaction. Repeated or prolonged contact may cause skin sensitization. Dermatitis. Organisms used are non-pathogenic but can cause infection when in contact with open wounds or broken skin.  
**INHALATION:** Dust or mist may cause 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
Viable bacterial cultures (on wheat bran base) 116469-86-4	100	No applicable	No applicable

### 4. FIRST AID MEASURES

**INGESTION:** Drink several glasses of water or milk. Call a physician or Poison Control Center immediately.  
**SKIN:** Wash with soap and water. Remove contaminated clothing and laundry before reuse.  
**INHALATION:** Move person to fresh air. Aid breathing if necessary.  
**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:

(F): NE (C): Not determined

METHOD:

No data

**FLAMMABLE LIMITS IN AIR**

<b>LOWER (%):</b>	NE
<b>UPPER (%):</b>	NE

**SENSITIVITY TO MECHANICAL IMPACT(Y/N):**

NO

**SENSITIVITY TO STATIC DISCHARGE:**

Sensitivity to static discharge is not expected.

**SUITABLE EXTINGUISHING MEDIA:**

Water. Carbon dioxide. Dry chemical.

**FIRE FIGHTING PROCEDURES:**

None.

**6. ACCIDENTAL RELEASE MEASURES**

**SPILL PROCEDURES:**

<b>SMALL SPILLS:</b>	Rinse down drain.
<b>LARGE SPILLS:</b>	Dike to contain, reclaim all possible.

**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. Wash thoroughly after handling. Do not store near heat, sparks or flame.  
Do not breathe dusts. Use only with adequate ventilation.

**OTHER PRECAUTIONS:**

Keep out of reach of children.

**SPECIFIC USE(S):**

Not applicable.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**PROTECTIVE EQUIPMENT:**

**EXPOSURE CONTROLS:**

None known.

**RESPIRATORY PROTECTION:**

Use NIOSH approved dust respirator.

**PROTECTIVE GLOVES:**

Rubber or plastic gloves recommended to minimize skin contact.

**EYE PROTECTION:**

Safety Glasses.

**OTHER PERSONAL PROTECTION  
EQUIPMENT:**

Appropriate protective clothing as needed to prevent skin contact.

**VENTILATION:**

Mechanical ventilation.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE AND ODOR:**

Tan. Brown. Powder. Yeast-like odor.

**BOILING POINT (F):**

NE

(C) Not determined

**VAPOR PRESSURE:**

NE

**VAPOR DENSITY (AIR=1):**

NE

**SOLUBILITY IN WATER:**

Not determined

**SPECIFIC GRAVITY:**

NA

**VOC Content (%):**

NE

**EVAPORATION RATE:**

NE

**PH:**

6.5 - 8.5

**10. STABILITY AND REACTIVITY**

**STABILITY DATA:**

STABLE

**POLYMERIZATION:**

Will Not Occur.

**HAZARDOUS DECOMPOSITION:**

Hydrogen halides

**10. STABILITY AND REACTIVITY**

**INCOMPATIBILITY (MATERIALS TO AVOID):** Avoid contact with: Acids. Alkalines. May inactivate bacterial cultures.

**CONDITIONS/HAZARDS TO AVOID:** None.

**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:
Viable bacterial cultures (on wheat bran base) 116469-86-4	100	Not Listed	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Viable bacterial cultures (on wheat bran base) 116469-86-4	100	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.

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.

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