



with **ASHLAND** TECHNOLOGY

## MATERIAL SAFETY DATA SHEET

REVISION DATE: 03/11/2013

REVISION NUMBER: 1

DATE PRINTED: 03/11/2013

### 1. CHEMICAL PRODUCT

PRODUCT NAME: **PERFORMAX 5099**

PRODUCT CODE: 119612

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: 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:** May be harmful if swallowed. May be fatal if swallowed. Causes vomiting, nausea, and diarrhea. Causes burns of the mouth, throat and stomach.

**SKIN CONTACT:** May cause skin burns. May cause redness and blistering of skin. May cause an allergic skin reaction.

**INHALATION:** May be harmful if inhaled. May be fatal if inhaled. May cause damage to nasal and respiratory passages.

**EYE CONTACT:** May cause permanent eye damage. May cause severe eye irritation. May cause corneal injury. May cause blindness.

**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 tolytriazole 64665-57-2	5 - 10	Not applicable	Not applicable
Hydroxyphosphonoacetic acid 23783-26-8	5 - 10	Not applicable	Not applicable
PHOSPHONO-BUTANETRI CARBOXYLIC ACID 37971-36-1	5 - 10	Not applicable	Not applicable
1-Hydroxyethylidene - 1, 1-diphosphonic acid 2809-21-4	1.5 - 5	Not applicable	Not applicable
Trisodium hydroxyethane disphosphate 29329-71-3	1.5 - 5	Not applicable	Not applicable
Sodium Molybdate 10102-40-6	1.5 - 5	Not applicable	Not applicable

#### **4. FIRST AID MEASURES**

<b>INGESTION:</b>	DO NOT INDUCE VOMITING. Rinse mouth. Drink one or two glasses of water. Get medical attention. Never give anything by mouth to an unconscious person.
<b>SKIN:</b>	Flush with water for at least 15 minutes while removing all contaminated clothing and shoes. Get medical attention.
<b>INHALATION:</b>	Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.
<b>EYES:</b>	Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.
<b>NOTES TO PHYSICIAN:</b>	None.

#### **5. FIRE AND EXPLOSION HAZARD DATA**

<b>FLASH POINT:</b>	<b>(F):</b> Not determined <b>(C):</b> Not determined
<b>METHOD:</b>	None
<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>	Water.
<b>FIRE FIGHTING PROCEDURES:</b>	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**

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

#### **7. HANDLING AND STORAGE**

<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:</b>	Emptied containers may retain hazardous properties. Do not cut, puncture or weld on or near the container. Store in a cool, dry location away from incompatible materials. Store in a well ventilated area. Keep from freezing. Avoid generating or breathing dust. Keep container closed when not in use.
<b>OTHER PRECAUTIONS:</b>	No other spill procedures necessary.
<b>SPECIFIC USE(S):</b>	Not applicable.

#### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**PROTECTIVE EQUIPMENT:**



<b>EXPOSURE CONTROLS:</b>	Localized ventilation should be used to control dust levels. Corrosion resistant equipment recommended.
<b>RESPIRATORY PROTECTION:</b>	Use approved NIOSH respiratory protection if TLV/PEL exceeded or if over exposure is likely.
<b>PROTECTIVE GLOVES:</b>	Chemical resistant gloves are recommended to minimize skin contact.

## PERFORMAX 5099

<b>EYE PROTECTION:</b>	Safety glasses are recommended to minimize eye contact.
<b>OTHER PERSONAL PROTECTION EQUIPMENT:</b>	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.
<b>VENTILATION:</b>	Mechanical ventilation as needed.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE AND ODOR:</b>	Solid.	
<b>BOILING POINT (F):</b>	Not determined	(C) Not determined
<b>VAPOR PRESSURE:</b>	Not determined	
<b>VAPOR DENSITY (AIR=1):</b>	Not determined	
<b>SOLUBILITY IN WATER:</b>	Not determined	
<b>SPECIFIC GRAVITY:</b>	Not determined	
<b>BULK DENSITY:</b>	0.11 g/cm <sup>3</sup>	
<b>VOC Content (%):</b>	Not determined	
<b>EVAPORATION RATE:</b>	Not determined	
<b>PH:</b>	8 - 9	

### 10. STABILITY AND REACTIVITY

<b>STABILITY DATA:</b>	STABLE
<b>POLYMERIZATION:</b>	Will Not Occur.
<b>HAZARDOUS DECOMPOSITION:</b>	Carbon Dioxide. Carbon Monoxide. Hydrogen Cyanide. Molybdenum. Nitrogen oxides. Oxides of Phosphorus.
<b>INCOMPATIBILITY (MATERIALS TO AVOID):</b>	Alkali metals. Oxidizing materials. Stainless steel. Strong alkalies. Strong mineral acids.
<b>CONDITIONS/HAZARDS TO AVOID:</b>	Keep away from heat, sparks and flame. Moisture. Temperature over 200° F. Temperatures below 32° F.

### 11. TOXICOLOGICAL INFORMATION

<b>ACUTE TOXICITY:</b>	Not Established
<b>EFFECTS OF CHRONIC EXPOSURE:</b>	Not established.
<b>OTHER TOXIC EFFECTS:</b>	Not established.

### 12. ECOLOGICAL INFORMATION

<b>ECOTOXICOLOGICAL INFORMATION:</b>	No data at this time
<b>CHEMICAL FATE INFORMATION:</b>	No data at this time.
<b>MOBILITY:</b>	Not applicable.
<b>PERSISTENCE/DEGRADABILITY:</b>	Not applicable
<b>BIOACCUMULATIVE POTENTIAL:</b>	Not applicable
<b>OTHER ADVERSE EFFECTS:</b>	Not applicable

### 13. DISPOSAL CONSIDERATIONS

<b>WASTE DISPOSAL METHODS:</b>	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 tolytriazole 64665-57-2	5 - 10	Listed	Listed	Listed	Not Listed
Hydroxyphosphonoacetic acid 23783-26-8	5 - 10	Listed	Not Listed	Listed	Not Listed
PHOSPHONO-BUTANETRI CARBOXYLIC ACID 37971-36-1	5 - 10	Listed	Listed	Listed	Not Listed
1-Hydroxyethylidene - 1, 1- diphosphonic acid 2809-21-4	1.5 - 5	Listed	Listed	Listed	Not Listed
Trisodium hydroxyethane disphosphate 29329-71-3	1.5 - 5	Listed	Listed	Listed	Not Listed
Sodium Molybdate 10102-40-6	1.5 - 5	Not Listed	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Sodium tolytriazole 64665-57-2	5 - 10	Not Listed	Not Listed	Not Listed
Hydroxyphosphonoacetic acid 23783-26-8	5 - 10	Not Listed	Not Listed	Not Listed
PHOSPHONO-BUTANETRI CARBOXYLIC ACID 37971-36-1	5 - 10	Not Listed	Not Listed	Not Listed
1-Hydroxyethylidene - 1, 1- diphosphonic acid 2809-21-4	1.5 - 5	Not Listed	Not Listed	Not Listed
Trisodium hydroxyethane disphosphate 29329-71-3	1.5 - 5	Not Listed	Not Listed	Not Listed
Sodium Molybdate 10102-40-6	1.5 - 5	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.

**\*\*\* END OF MSDS \*\*\***