



with **ASHLAND TECHNOLOGY**

MATERIAL SAFETY DATA SHEET

REVISION DATE: 01/29/2014

REVISION NUMBER: 1

DATE PRINTED: 01/29/2014

1. CHEMICAL PRODUCT

PRODUCT NAME: **PERFORMAX 2021A**

PRODUCT CODE: 119653

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

Health: 2/2

Fire: 0/0

Reactivity: 0/0

Special/Protective Equipment: ALK/C

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: Can be harmful if large quantities are swallowed. May cause stomach discomfort.

SKIN CONTACT: May cause moderate skin irritation. May cause skin burns.

INHALATION: Breathing small amounts during handling is not likely to cause harmful effects. High vapor levels cause respiratory irritation

EYE CONTACT: May cause irritation and redness.

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
Tetrapotassium Pyrophosphate 7320-34-5	15 - 20	Not applicable	Not applicable
Potassium phosphate 7778-53-2	10 - 15	Not applicable	Not applicable
1-Hydroxyethylidene-1, 1-diphosphonic acid, potassium salt 67953-76-8	1 - 5	Not applicable	Not applicable
POTASSIUM TOLYTRIAZOLE 64665-53-8	1 - 5	Not applicable	Not applicable

4. FIRST AID MEASURES

INGESTION: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

SKIN: Remove contaminated clothing and launder before reuse. Wash with soap and water. Get medical attention if irritation persists.

4. FIRST AID MEASURES

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:	As appropriate for surrounding fire-product is mostly water and will not burn.
FIRE FIGHTING PROCEDURES:	Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires.

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. Emptied containers may retain hazardous properties. Do not cut, puncture or weld on or near the container.
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:	Appropriate protective clothing as needed to prevent skin contact. 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:	None required.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Clear amber liquid. Dark reddish-brown solution. Organic Odor.
BOILING POINT (F):	212°
VAPOR PRESSURE:	Not determined
VAPOR DENSITY (AIR=1):	Not determined
SOLUBILITY IN WATER:	Not determined
SPECIFIC GRAVITY:	1.412 - 1.455
BULK DENSITY:	11.95 lbs/gal
VOC Content (%):	Not determined
EVAPORATION RATE:	Not determined
PH:	11.4 min

10. STABILITY AND REACTIVITY

STABILITY DATA:	STABLE
POLYMERIZATION:	Will Not Occur.
HAZARDOUS DECOMPOSITION:	Oxides of Phosphorus. Carbon Dioxide. Carbon Monoxide. Hydrogen Cyanide. Oxides of Nitrogen.
INCOMPATIBILITY (MATERIALS TO AVOID):	Strong acids and oxidizers.
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:
Tetrapotassium Pyrophosphate 7320-34-5	15 - 20	Listed	Listed	Listed	Not Listed
Potassium phosphate 7778-53-2	10 - 15	Listed	Listed	Listed	Not Listed
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POTASSIUM TOLYTRIAZOLE 64665-53-8	1 - 5	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Tetrapotassium Pyrophosphate 7320-34-5	15 - 20	Not Listed	Not Listed	Not Listed
Potassium phosphate 7778-53-2	10 - 15	Not Listed	Not Listed	Not Listed
1-Hydroxyethylidene-1, 1-diphosphonic acid, potassium salt 67953-76-8	1 - 5	Not Listed	Not Listed	Not Listed
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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 ***