



MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/19/2012

DATE PRINTED: 04/19/2012

REVISION NUMBER:

3

PREPARED BY:

EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **PHOS-TEC 2829**

PRODUCT CODE: 119055

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: Acid/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: Severe burns to mucous membranes of mouth, throat and digestive tract. Abdominal pain. Nausea. Vomiting. Can produce severe systematic illness and death.

SKIN CONTACT: Causes moderate skin irritation. Prolonged contact causes severe burns which may not be immediately painful or visible. Long term effects are identified by severe irritation, discomfort, swelling, and possible tissue degradation.

INHALATION: Mists are irritating to mucous membranes, respiratory tract, and lung tissue. Inhalation of spray mist may be irritating. Possible tissue damage.

EYE CONTACT: Causes severe eye irritation may damage tissue. May cause permanent eye damage.

CHRONIC EFFECTS: Dermatitis. Respiratory

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
Disodium phosphate 7558-79-4	10 - 20	Not applicable	Not applicable

4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. Drink promptly a large quantity of water, egg white, or gelatin solution. Get immediate medical attention. Never give anything by mouth to an unconscious person.

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

INHALATION: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Aid in breathing, if necessary, and get immediate medical attention.

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: No specific antidote. Therapy is directed at preventing absorption, administering to the symptoms as they occur and providing supportive therapy.

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	(F): > 200°F (C): Not determined
METHOD:	ASTM D-93
FLAMMABLE LIMITS IN AIR	
LOWER (%):	ND
UPPER (%):	ND
SENSITIVITY TO MECHANICAL IMPACT(Y/N):	NO
SENSITIVITY TO STATIC DISCHARGE:	Sensitivity to static discharge is not expected.
SUITABLE EXTINGUISHING MEDIA:	Water fog, carbon dioxide, foam, dry chemical.
FIRE FIGHTING PROCEDURES:	Use water spray to cool nearby containers and structures exposed to fire. Evacuate area and fight fire from a safe distance. Wear self-contained breathing equipment and rubber protective clothing.

6. ACCIDENTAL RELEASE MEASURES**SPILL PROCEDURES:**

SMALL SPILLS:	Reclaim as much as possible. Pick up with absorbant material.
LARGE SPILLS:	Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Keep out of drains, sewers, streams, or other bodies of water.

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. Avoid breathing vapors, if exposed to high vapor concentration, leave area at once. Wash thoroughly after handling. Store in a cool, dry area. Keep container closed when not in use. Empty containers may contain product residue.
OTHER PRECAUTIONS:	Empty containers may retain product residue, follow MSDS/label precautions even after container is emptied.
SPECIFIC USE(S):	Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**PROTECTIVE EQUIPMENT:**

EXPOSURE CONTROLS:	None known.
RESPIRATORY PROTECTION:	Use NIOSH approved organic vapor respirator as needed if spray mist or vapors exceed PEL or TLV.
PROTECTIVE GLOVES:	Chemical resistant gloves are recommended to minimize skin contact. Rubber gloves. Nitrile gloves. Neoprene.
EYE PROTECTION:	Goggles.
OTHER PERSONAL PROTECTION EQUIPMENT:	Appropriate protective clothing as needed to prevent skin contact.
VENTILATION:	Adequate ventilation should be provided to keep dust concentrations below acceptable exposure limits. Discharge from the ventilation system should comply with the applicable air pollutions control regulations. Eliminate ignition sources.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Clear, colorless liquid. Mild odor.	
BOILING POINT (F):	>212° F	(C) Not determined
VAPOR PRESSURE:	< 1 @ 20°C (63° F)	
VAPOR DENSITY (AIR=1):	> 1	
SOLUBILITY IN WATER:	Complete	
SPECIFIC GRAVITY:	1.120 - 1.150 (1.135 Nominal)	
VOC Content (%):	0	
EVAPORATION RATE:	< 1	
PH:	1.0 - 2.0	

10. STABILITY AND REACTIVITY

STABILITY DATA:	STABLE
POLYMERIZATION:	Will Not Occur.
HAZARDOUS DECOMPOSITION:	Exposure to fire or flame may generate: Oxides of Carbon. Oxides of Nitrogen. Carbon Monoxide. Carbon Dioxide.
INCOMPATIBILITY (MATERIALS TO AVOID):	Avoid contact with: Acids. Bases, such as caustic soda, bleach, ammonia, etc. Mild steel. Aluminum. Brass. Contact with copper, aluminum or iron may cause corrosion and product degradation.
CONDITIONS/HAZARDS TO AVOID:	Keep away from heat, sparks and flame.

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

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
Disodium phosphate 7558-79-4	10 - 20	Not Listed	Listed	Not Listed	Not Listed

PHOS-TEC 2829

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Disodium phosphate 7558-79-4	10 - 20	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.

PRODUCT COMPOSITION CAS#	%	MARTK:
Disodium phosphate 7558-79-4	10 - 20	Listed

The following components of this material are included in the New Jersey Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	NJRTK:
Disodium phosphate 7558-79-4	10 - 20	Listed

The following components of this material are included in the Pennsylvania Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	PARTK:
Disodium phosphate 7558-79-4	10 - 20	Listed

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 ***