



## MATERIAL SAFETY DATA SHEET

REVISION DATE: 03/02/2015  
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REVISION NUMBER: 1

### 1. CHEMICAL PRODUCT

PRODUCT NAME: **CRISP**  
PRODUCT CODE: 119734

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

DISTRIBUTED BY: Rochester Midland Corporation Emergency Phone:  
155 Paragon Drive INFOTRAC: 1-800-535-5053  
Rochester, NY 14624 OUTSIDE US: 1-352-323-3500

### 2. HAZARDS IDENTIFICATION

#### EFFECTS FROM ACUTE EXPOSURE:

**INGESTION:** Harmful if swallowed. Causes irritation of the stomach and intestines, resulting in nausea and/or vomiting.  
**SKIN CONTACT:** May cause moderate skin irritation.  
**INHALATION:** High vapor levels cause respiratory irritation.  
**EYE CONTACT:** May cause severe eye irritation. May Cause Eye Burns.  
**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
Phosphoric acid 7664-38-2	5 - 15	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>
Lactic Acid 50-21-5	15 - 30	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:** Wash with soap and water. Get medical attention if irritation or burns develop.  
**INHALATION:** Not a hazard under normal use conditions. If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.  
**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: Unknown

FLAMMABLE LIMITS IN AIR  
LOWER (%): No data

## CRISP

UPPER (%):

No data

SENSITIVITY TO MECHANICAL IMPACT(Y/N):

NO

SENSITIVITY TO STATIC DISCHARGE:

Sensitivity to static discharge is not expected.

SUITABLE EXTINGUISHING MEDIA:

Water. Carbon dioxide. Product 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. Flush residue with water.

LARGE SPILLS:

Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with water. Be aware of potential for surfaces to become slippery.

PERSONAL PRECAUTIONS:

Wear adequate personal protective equipment, see Section 8, Exposure Controls/Personal Protection.

ENVIRONMENTAL PRECAUTIONS:

Not applicable

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. Keep container closed when not in use. Avoid creating mists or aerosols.

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:

Viscous liquid. Mild odor.

BOILING POINT (F):

> 190 - 212°

(C) > 87 - 100°

VAPOR PRESSURE:

Not determined

VAPOR DENSITY (AIR=1):

< 1

SOLUBILITY IN WATER:

Miscible

SPECIFIC GRAVITY:

1.19

VOC Content (%):

< 1

EVAPORATION RATE:

Not determined

PH:

2.2

### 10. STABILITY AND REACTIVITY

## CRISP

**STABILITY DATA:** STABLE  
**POLYMERIZATION:** Will Not Occur.  
**HAZARDOUS DECOMPOSITION:** Incomplete combustion produces: Oxides of Carbon. Oxides of Sulfur.  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Alkalines. Chlorine containing materials. Strong oxidents, such as nitric acid, or hypochlorites.  
**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.

### 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:
Phosphoric acid 7664-38-2	5 - 15	Listed	Listed	Listed	Not Listed
Lactic Acid 50-21-5	15 - 30	Listed	Listed	Listed	Not Listed
PRODUCT COMPOSITION CAS#	%	CERCLA:			
Phosphoric acid 7664-38-2	5 - 15	5000 lb 2270 kg			

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 SDS \*\*\*