



## MATERIAL SAFETY DATA SHEET

REVISION DATE: 05/31/2013  
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REVISION NUMBER: 6  
 PREPARED BY: EH&S DEPARTMENT

### 1. CHEMICAL PRODUCT

**PRODUCT NAME:** **EGG GUARD PLUS, Chlorinated, Low Foam Egg Washing Detergent**

**PRODUCT CODE:** 118584

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

<b>Health:</b>	3/3	<b>Fire:</b>	0/0
<b>Reactivity:</b>	1/1	<b>Special/Protective Equipment:</b>	ALK/C

<b>NAME OF THE MANUFACTURER:</b>	Rochester Midland Corporation 155 Paragon Drive Rochester, New York 14624 USA	Emergency Phone: INFOTRAC: 1-800-535-5053 OUTSIDE US: 1-352-323-3500
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### 2. HAZARDS IDENTIFICATION

**EFFECTS FROM ACUTE EXPOSURE:**

<b>INGESTION:</b>	Severe burns to mucous membranes of mouth, throat and digestive tract.
<b>SKIN CONTACT:</b>	Prolonged contact causes severe burns which may not be immediately painful or visible.
<b>INHALATION:</b>	Inhalation of mist will irritate mucous membranes. Can cause damage to mucous membranes of nose, throat, respiratory tract and lung tissue depending on severity of exposure.
<b>EYE CONTACT:</b>	Causes severe eye burns. Corrosive to eye tissue and may cause severe damage and blindness.
<b>CHRONIC EFFECTS:</b>	Irritant dermatitis; possible respiratory damage from inhalation of dust or mist.
<b>EFFECTS/CARCINOGENICITY:</b>	None listed under OSHA, IARC, or NTP.
<b>ROUTES OF ENTRY:</b>	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 tripolyphosphate 7758-29-4	1 - 5	Not applicable	Not applicable
POTASSIUM HYDROXIDE 1310-58-3	10 - 20	Not applicable	Not applicable
SODIUM HYDROXIDE 1310-73-2	1 - 5	Not applicable	2 mg/m <sup>3</sup>
Sodium hypochlorite 7681-52-9	1 - 5	Not applicable	Not applicable

### 4. FIRST AID MEASURES

<b>INGESTION:</b>	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. If vomiting occurs, give additional water.
<b>SKIN:</b>	Flush with water for at least 15 minutes while removing all contaminated clothing and shoes. Continue rinsing until "slippery" feeling is gone. Get medical attention if irritation or burns develop.

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## 4. FIRST AID MEASURES

<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>	(F): None to boiling (C): None to boiling
<b>METHOD:</b>	TCC
<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>	Product will not burn.
<b>FIRE FIGHTING PROCEDURES:</b>	Corrosive material. Avoid exposure to mist and splashes. Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires.

## 6. ACCIDENTAL RELEASE MEASURES

<b>SPILL PROCEDURES:</b>	
<b>SMALL SPILLS:</b>	Flush with water. Reclaim as much as possible.
<b>LARGE SPILLS:</b>	Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with water.
<b>PERSONAL PRECAUTIONS:</b>	Not applicable
<b>ENVIRONMENTAL PRECAUTIONS:</b>	Not applicable
<b>METHODS FOR CLEANING UP:</b>	Not applicable

## 7. HANDLING AND STORAGE

<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:</b>	<b>DANGER:</b> Concentrated, caustic material. Avoid contact with eyes, skin and clothing. Do not breathe mist or vapors. Store indoors. Store in a cool, dry area. Store in a well ventilated area.
<b>OTHER PRECAUTIONS:</b>	Do not reuse container. Empty containers may retain product residue, follow MSDS/label precautions even after container is emptied. Contact with certain food sugars can release hazardous amounts of carbon monoxide gas in enclosed vessels. Read and follow label instructions.
<b>SPECIFIC USE(S):</b>	Not applicable.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### PROTECTIVE EQUIPMENT:



<b>EXPOSURE CONTROLS:</b>	Use in a well ventilated area.
<b>RESPIRATORY PROTECTION:</b>	Not normally required. If product is used in a manner which creates dust or mist above recommended exposure limits, a NIOSH/MSHA approved respirator with dust/mist filter may be needed in the absence of proper environmental controls.
<b>PROTECTIVE GLOVES:</b>	Nitrile, neoprene, or other appropriate gloves are recommended to minimize hand skin contact.
<b>EYE PROTECTION:</b>	Goggles and face shield are recommended to minimize eye contact.

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**OTHER PERSONAL PROTECTION EQUIPMENT:** Appropriate protective clothing as needed to prevent skin contact. Liquid may penetrate leather shoes and cause delayed burns. 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.

**VENTILATION:** General mechanical and/or local exhaust as needed to meet exposure limits if mist in air. Corrosion resistant equipment recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE AND ODOR:** Clear brown liquid. Chlorine odor.  
**BOILING POINT (F):** 212° (C) 100°  
**VAPOR PRESSURE:** As water  
**VAPOR DENSITY (AIR=1):** As water  
**SOLUBILITY IN WATER:** Complete  
**SPECIFIC GRAVITY:** 1.20 - 1.23  
**VOC Content (%):** 0  
**EVAPORATION RATE:** As water  
**PH:** > 14

## 10. STABILITY AND REACTIVITY

**STABILITY DATA:** STABLE  
**POLYMERIZATION:** Will Not Occur.  
**HAZARDOUS DECOMPOSITION:** Hydrogen halides  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Avoid contact with aluminum, zinc, other soft metals or galvanized metals. Reaction will generate hydrogen gas. This gas is flammable and/or explosive in presence of ignition source. Do not mix with acidic materials. May cause violent reactions.  
**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

## EGG GUARD PLUS, Chlorinated, Low Foam Egg Washing Detergent

### 15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
Sodium tripolyphosphate 7758-29-4	1 - 5	Listed	Listed	Listed	Not Listed
POTASSIUM HYDROXIDE 1310-58-3	10 - 20	Listed	Listed	Listed	Not Listed
SODIUM HYDROXIDE 1310-73-2	1 - 5	Listed	Listed	Listed	Not Listed
Sodium hypochlorite 7681-52-9	1 - 5	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Sodium tripolyphosphate 7758-29-4	1 - 5	Not Listed	Not Listed	Not Listed
POTASSIUM HYDROXIDE 1310-58-3	10 - 20	1000 lb 454 kg	Not Listed	Not Listed
SODIUM HYDROXIDE 1310-73-2	1 - 5	1000 lb 454 kg	Not Listed	Not Listed
Sodium hypochlorite 7681-52-9	1 - 5	100 lb 45.4 kg	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
POTASSIUM HYDROXIDE 1310-58-3	10 - 20	Listed
SODIUM HYDROXIDE 1310-73-2	1 - 5	Listed
Sodium hypochlorite 7681-52-9	1 - 5	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:
Sodium tripolyphosphate 7758-29-4	1 - 5	Listed
POTASSIUM HYDROXIDE 1310-58-3	10 - 20	Listed
SODIUM HYDROXIDE 1310-73-2	1 - 5	Listed
Sodium hypochlorite 7681-52-9	1 - 5	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:
POTASSIUM HYDROXIDE 1310-58-3	10 - 20	Listed
SODIUM HYDROXIDE 1310-73-2	1 - 5	Listed
Sodium hypochlorite 7681-52-9	1 - 5	Listed

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

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PRODUCT COMPOSITION CAS#	%	PARTK:
Sodium tripolyphosphate 7758-29-4	1 - 5	Listed
POTASSIUM HYDROXIDE 1310-58-3	10 - 20	Listed
SODIUM HYDROXIDE 1310-73-2	1 - 5	Listed
Sodium hypochlorite 7681-52-9	1 - 5	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 \*\*\*