



### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
Organic Salt	506-89-8	N/A
Non Ionic Sufactant	68439-46-3	N/A
Acid Inhibitor	7681-11-0	N/A
Inert (Distilled Water)	7732-18-5	N/A

### 4. FIRST-AID MEASURES

#### First Aid Measures

**Eye contact:** Rinse immediately with plenty of water, also under the eyelids, call Physician if irritation persists.

**Skin Contact:** If skin irritation occurs, rinse affected area with water.

**Inhalation:** Remove to fresh air.

**Ingestion:** Drink 2-3 large glasses of water. Do not induce vomiting. Call a physician.

#### Most Important symptoms and effects

**Symptoms:** Contact my cause irritation and redness.

#### Indication of any immediate medical attention and special treatment needed

**Note to Physician:** Treat Symptomatically.

### 5. FIRE –FIGHTING MEASURES

#### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media:** Not determined

#### Specific Hazards Arising from the Chemical

None

#### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent).

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions:** Use personal protective equipment as required. Spills may be slippery.

**Methods and material for containment and cleaning up**

**Methods for Containment:** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up:** Pick up with mop, wet/dry vac, or absorbent material. Rinse with clear water and allow floor to dry before allowing traffic.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on Safe handling:** Keep out of the reach of children.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions:** Keep containers tightly closed in a dry place. Avoid contact with aluminum.  
Protect from freezing.

**Incompatible Materials:** High Alkaline product.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines** No exposure limits noted for ingredient(s)

**Appropriate engineering controls**

**Engineering Controls** Ventilation systems.

**Individual protection measures, such as personal equipment**

**Eye/Face Protection:** Avoid contact with eyes.

**Skin and Body Protection** No protective equipment is needed under normal use conditions.

**Respiratory Protection** No protective equipment is needed under normal use conditions.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>
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Information on basic physical and chemical properties

Physical State	Liquid		
Appearance	Clear Liquid	Odor	Slight Odor
Color	Amber	Odor Threshold	Not determined.

<u>Property</u>	<u>Values</u>	<u>Remarks * Method</u>
pH	1+/-0.5	
Melting Point/Freezing Point	Not Determined	
Boiling Point/Boiling Range	98C / 200F	
Flash Point	None	
Evaporation Rate	1.0	
Flammability (Solid,Gas)	n/a-liquid	
Upper flammability Limits	Not applicable	
Lower Flammability Limits	Not applicable	
Vapor Pressure	Not applicable	
Vapor Density	Not applicable	
Specific Gravity	1	
Water Solubility	100%	
Solubility in other solvents	Not Determined	
Partition Coefficient	Not Determined	
Auto-ignition Temperature	Not Determined	
Decomposition Temperature	Not Determined	
Kinematic Viscosity	Not Determined	
Dynamic viscosity	Not Determined	
Explosive Properties	Not Determined	
Oxidizing properties	Not Determined	

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

**Hazardous Polymerization**

**Hazardous polymerization does not occur.**

### Conditions to avoid

Keep out of reach of children.

### Incompatible Materials

High Alkaline product.

### Hazardous Decomposition products

None

## 11. TOXICOLOGICAL INFORMATION

Componet	CAS	OSHA PEL	ACGIH-TLV	LD50
Urea Monohydrochloride	506-89-8	N/A	N/A	1121 mg/kg oral, rat

### Information on likely routes of exposure

<b>Product Information</b>	<b>Product does not present an acute toxicity Hazard based on known or supplied information.</b>
<b>Eye Contact</b>	<b>Avoid contact with eyes.</b>
<b>Skin Contact</b>	<b>Not expected to be a skin irritant during prescribed use.</b>
<b>Inhalation</b>	<b>Under normal conditions of intended use, this material is not expected to be an inhalation hazard.</b>
<b>Ingestion</b>	<b>Do not taste or swallow.</b>

### Information on physical, chemical and toxicological effects

**Symptoms** please see section 4 of this SDS

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Carcinogenicity** This product does not contain any carcinogens or potential Carcinogens as listed by OSHA, IARC or NTP.

### Numerical measure of Toxicity

Numerical measure of Toxicity

Not Determined

**12. ECOLOGICAL INFORMATION**

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling of disposal.

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined.

Other Adverse Effects

Not determined.

**13. DISPOSAL CONSIDERATIONS**

Waste Treatment Methods

Disposal of Wastes disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION**

DOT Not regulated

IATA Not regulated

IMDG Not regulated

**15. REGULATORY INFORMATION****International Inventories**

TSCA

Listed

**Legend:**

TSCA – United States Toxic Substances Control Act Section 8(b) inventory

SLA/INDSL – Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS – European Inventory of Existing Chemical Substances/European List of  
Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC – China Inventory of Existing Chemical Substances

KECL – Korean Existing and Evaluated Chemical Substances

PICCS – Philippines Inventory of Chemical and Chemical Substances

**US Federal Regulations****CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) OR THE Superfund amendments and Reauthorization Act (SARA) 40 CFR 355).

**Sara 313/ 312 Hazard Categories**

This material, as supplied, does not contain any substances subject to the requirements of SARA Sections 311/312 (40 CFR 370)

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 pf the Code of Federal Regulations, Part 372

**US State Regulations****U.S. State right-to-know Regulations**

Not determined

16. OTHER INFORMATION				
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<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	0	0	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	Not determined	Not determined	Not determined	Not determined

**Issue Date:** 27-April-2012

**Revision Date:** 5-Aug-2015

**Revision Note:** New format

**Disclaimer**

This information provided in this Safety Data sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet