

# SAFETY DATA SHEET

Confirms to OSHA Hazard Communication Standard (CFR 29 1910.1200) HazCom 2012



Product: SafeClean Plus

Revision Date: 10-May-2018

## SECTION 1 – IDENTIFICATION

### Product Identifier

Product Name: SafeClean Plus

### Recommended Use of the Chemical and Restrictions for Use

Recommended Use: Ice Machine Cleaner

Restrictions for Use: Use only as directed.

### Details of the Supplier

Manufacturer: Urnex Brands, LLC  
700 Executive Blvd.  
Elmsford, NY 10523  
1-914-963-2042  
[info@urnex.com](mailto:info@urnex.com)

### Emergency Phone Number

24-Hour Number: 1-800-424-9300

## SECTION 2 – HAZARDS IDENTIFICATION

### Classification

Hazard Class	Category
Skin Irritation	2
Eye Irritation	2

### Label Elements

Hazard Symbols(s):



Signal Word(s): Warning

Hazard Statement(s): Causes skin irritation. Causes serious eye irritation.

Precautionary Statement(s): Wash hands thoroughly after handling. Wear protective gloves. Wear eye protection/face protection. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

### Other Hazards

None known.

## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Wt %
Citric acid	77-92-9	<60
Aluminum chloride hexahydrate	7781-13-6	<5

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

## SECTION 4 – FIRST AID MEASURES

### First Aid Measures

**Inhalation:** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. If irritation persists, get medical attention.

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**Ingestion:** If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention.

**Skin:** In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.

## **Most Important Symptoms and Effects (Acute and Delayed)**

**Inhalation:** May cause respiratory tract irritation.

**Eye Contact:** Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

**Ingestion:** May be harmful if swallowed. May cause stomach distress, nausea, or vomiting.

**Skin:** Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.

## **Indication of any Immediate Medical Attention and Special Treatment Needed**

**Note to Physician:** Treat symptomatically.

## **SECTION 5 – FIRE FIGHTING MEASURES**

### **Extinguishing Media**

**Suitable:** Treat for surrounding material.

**Unsuitable:** None known.

### **Specific Hazards Arising from Chemical**

Products of combustion include but are not limited to: oxides of carbon.

### **Protective Equipment and Precautions for Firefighters**

Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

## **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment, and Emergency Procedures**

**Personal Precautions:** Use personal protection recommended in Section 8. Isolate hazard area and deny enter to unnecessary and unprotected personnel.

**Environmental Precautions:** See Section 12 for ecological information.

### **Methods and Material for Containment and Cleaning Up**

Scoop up material and place in a disposal container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). Provide ventilation.

## **SECTION 7 – HANDLING AND STORAGE**

### **Precautions for Safe Handling**

**Handling:** Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not swallow. Handle in accordance with good industrial hygiene and safety practice. Wash hands after use. Do not eat, drink, or smoke when using this product.

**General Hygiene Advice:** Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

### **Conditions for Safe Storage, Including any Incompatibilities**

**Storage Conditions:** Keep container closed when not in use. Store in a dry, cool, and well-ventilated area. Keep out of reach of children.

**Incompatible Materials:** None known.

## **SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Control Parameters**

### **Exposure Guidelines:**

<b>Chemical Name</b>	<b>ACGIH TLV</b>	<b>OSHA PEL</b>	<b>NIOSH IDLH</b>
Citric acid (77-92-9)	Not available	Not available	Not available

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Aluminum chloride hexahydrate (7784-13-6)	Not available	Not available	Not available
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## Appropriate Engineering Controls

Apply technical measures to comply with occupational exposure limits. Use ventilation adequate to keep exposure (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

## Individual Protection Measures

**Respiratory Protection:** Not required under normal use conditions. Ensure adequate ventilation, especially in confined areas.

**Skin and Body Protection:** Wear suitable protective clothing. Wear chemical resistant protective gloves.

**Eye/Face Protection:** Safety glasses or goggles are recommended when using product.

**General Work/Hygienic Practices:** Handle in accordance with good industrial hygiene and safety practice. Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Blue liquid

**Odor:** Characteristic

**Odor threshold:** Not determined

**pH:** 2.4

**Melting point/freezing point:** Not determined

**Initial boiling point and boiling range:** Not determined

**Flash point:** Not determined

**Evaporation rate:** Not determined

**Flammability (solid, gas):** Not determined

**Upper/lower flammability or explosive limits:** Not determined

**Vapor pressure:** Not determined

**Vapor density:** Not determined

**Relative density:** Not determined

**Solubility(ies):** Not determined

**Partition coefficient (n-octanol/water):** Not determined

**Auto-ignition temperature:** Not determined

**Decomposition temperature:** Not determined

**Viscosity:** Not determined

## SECTION 10 – STABILITY AND REACTIVITY

**Reactivity:** Not reactive under normal conditions.

**Chemical stability:** Stable under recommended storage conditions.

**Possibility of hazardous reactions:** None under normal use.

**Conditions to avoid:** None known.

**Incompatible materials:** None known.

**Hazardous decomposition products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects

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Release Date: 1/10/2014

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**Likely Routes of Exposure:** Inhalation, skin contact, eye contact, ingestion

## Information Related to Physical, Chemical, and Toxicological Effects

See section 4 of this SDS.

## Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

**Carcinogenicity:** NTP: No IARC: No OSHA: No

Product	
ATE (oral)	Not determined
ATE (dermal)	Not determined
ATE (inhalation)	Not determined

## **Component Information:**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Citric acid (77-92-9)	5400 mg/kg (mouse)	11700 mg/kg (rat)	Not available
Aluminum chloride hexahydrate (7784-13-6)	3300 mg/kg (rat)	Not available	Not available

## SECTION 12 - ECOLOGICAL INFORMATION

**Ecotoxicity:** Not established

**Persistence and degradability:** Not established

**Bioaccumulative potential:** Not established

**Mobility in soil:** No additional information available

**Other adverse effects:** No additional information available.

## SECTION 13 – DISPOSAL CONSIDERATIONS

See section 8 of this SDS for exposure controls and personal protection.

Dispose of the product and container in accordance with all applicable local, state, and federal regulations.

## SECTION 14 – TRANSPORT INFORMATION

**Note:** Classification changes based on quantity, packaging, and method of shipment. See current shipping paper for most up to date shipping information.

**DOT (Ground):** Not regulated

**IATA (Air):** Not regulated

**IMDG (Vessel):** Not regulated

## SECTION 15 – REGULATORY INFORMATION

All ingredients in this product are listed or are excluded from listing on the US Toxic Substances Act (TSCA) Chemical Substance Inventory.

## SECTION 16 – OTHER INFORMATION

**Issue Date:** 10-May-2018

**Revision Date:** 10-May-2018

The 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 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 the specific material designed 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**