

**Section 1 - Identification**Product Name: **Citri-Shine™**

An inorganic acid cleaner.

Revised: 7/19/16

<b>Damon Industries, Inc.</b> <b>12435 Rockhill Ave NE</b> <b>Alliance, Ohio 44601</b> <b>U.S.A.</b>	<b>1-800-362-9850</b> <b>1-330-821-5310</b> <b>1-330-821-6355 Fax</b> <b>info@DamonQ.com</b>	<b>24 HOUR EMERGENCY RESPONSE</b> <b>1-800-535-5053 (U.S. &amp; Canada)</b> <b>001-352-323-3500 (International)</b>
---	---	---

**Section 2 - Hazards Identification**

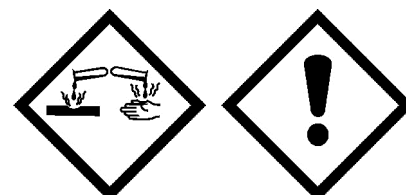
Hazard category: Skin Irritant 2, Eye Irritant 2A, Corrosive to metals 1

Signal word: Warning

Hazard statements - Causes skin irritation and serious eye irritation.

May be corrosive to metals.

Pictogram: Corrosion and Exclamation.



Precautionary statements

Prevention

Keep only in original container. Wash hands thoroughly after handling. Wear safety glasses with side shields.

Wear protective gloves such as latex or rubber.

Response**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 attention.

**IF ON SKIN:** Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse.

Storage: Store in corrosive resistant container with a resistant inner liner.

Disposal: None.

**Section 3 - Composition / Information on Ingredients**

Ingredient	C.A.S. No.	Concentration
Water	7732-18-5	60%
Citric Acid	77-92-9	32%
2-Butoxyethanol	111-76-2	8%
Alcohols, C9-11, ethoxylated	68439-46-3	1%

The remaining ingredients are not reportable as described in Appendix D to Sec. 1910.1200 Table D.1.

**Section 4 - First Aid Measures****Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing, lifting upper and lower eyelids occasionally. If eye irritation persists: Get medical attention.

**Skin Contact:** If there is redness or irritation flush skin with running water for several minutes. If irritation persists, get medical attention.**Inhalation:** Move affected person to fresh air. If irritation persists get medical attention.**Ingestion:** If the product is swallowed, do NOT induce vomiting. If affected person is conscious, give a glass of water or milk to drink. Treat for shock by keeping person warm and quiet. Get medical attention immediately.**Section 5 - Fire-Fighting Measures****Extinguishing Media:** Any**Special Fire Fighting Procedures:** None.**Unusual Fire And Explosion Hazards:** None.**Section 6 - Accidental Release Measures****Steps To Be Taken If Material Is Released Or Spilled:** Clean up small spills with a rag or mop. Spills of 10 gallons or less can be washed to a sanitary sewer with plenty of water.**Section 7 - Handling and Storage**

Empty containers retain product residue and may be hazardous. Observe all precautions given in this data sheet and on label. Keep container closed.

If this product contacts bleach or a cleaner containing bleach, it could produce a dangerous gas (chlorine). If your facility uses bleach, or a cleaner containing bleach, look at the MSDS on the bleach product now, to learn what to do if chlorine is accidentally produced. Your facility should decide upon the appropriate emergency action plan for accidental release of chlorine as a part of your emergency preparedness plan.

## Section 8 - Exposure Controls / Personal Protection

Ingredient	C.A.S. No.	Concentration	TWA(source)	STEL	Ceiling
2-Butoxyethanol	111-76-2	8%	50 ppm(1), 5 ppm (2), 20 ppm (3), 25 ppm (4)	75 ppm(4)	-

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hour Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous  
Ingredients not shown either have no known limits or are below reportable levels in section 3 above.

**Ventilation:** Normal room ventilation.

**Respiratory Protection:** None expected when used according to label directions.

**Protective Gloves:** Wear rubber or latex gloves.

**Eye Protection:** Wear safety glasses with side shields.

**Other Protective Equipment:** Depending on the amount of exposure to splashing it may be advisable to wear aprons, protective clothing or boots as the situation calls for.

## Section 9 - Physical and Chemical Properties

<b>Appearance and Odor:</b> An opaque liquid with slight odor..	
<b>Odor Threshold:</b> Not Available	<b>Vapor Pressure:</b> Not Available
<b>pH:</b> 2.0 ± 0.5	<b>Vapor Density:</b> Not Available
<b>Melting Point:</b> Not Available	<b>Relative Density (Specific Gravity):</b> 1.4
<b>Freezing Point:</b> Not Available	<b>Solubility(ies): Water:</b> Complete
<b>Boiling Point, Initial:</b> 220° F.	<b>Partition coefficient:</b> Not Available
<b>Boiling Range:</b> Not Available	<b>Auto-ignition Temperature:</b> Not Available
<b>Flash Point:</b> none. (ASTM D-56 closed cup)	<b>Decomposition Temperature:</b> Not Available
<b>Evaporation Rate:</b> The same as water.	<b>Viscosity:</b> Same as water.
<b>Flammability: (solid, gas):</b> None.	<b>Volatiles Percent:</b> 50%
<b>Upper Explosive Limit:</b> Not Applicable	<b>V.O.C.:</b> 0.0%
<b>Lower Explosive Limit:</b> Not Applicable	

## Section 10 - Stability and Reactivity

**Incompatibility:** Alkalis, bleach, oxidizers, reactive metals.

**Hazardous Decomposition Products:** None

## Section 11 - Toxicological Information

**Primary Routes of Entry:**  Skin contact;  Skin absorption;  Inhalation;  Ingestion

**Potential Health Effects:**

**Eyes** - Concentrate causes severe irritation and may cause damage with prolonged contact.

**Skin** - Concentrate may cause irritation and redness especially on persons with sensitive skin. Brief contact has little or no effect when rinsed off promptly.

**Swallowing** - causes irritation of mucous membranes.

**Breathing** - none expected when used as directed.

## Section 12 - Ecological Information

Do not dispose of in the environment.

## Section 13 - Disposal Considerations

**Waste Disposal Method:** Dispose of up to 10 gallons of concentrate in the sanitary sewer with a large amount of water. Some sewage departments may allow you to dispose of larger quantities without neutralizing. Call them for approval. Larger amounts may have to be neutralized to within the pH limits of your waste water treatment system before disposal.

## Section 14 - Transport Information

**D.O.T. Hazard Class:** Not considered hazardous.

## Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

## Section 16 - Other Information

**NFPA:** H:1 F:0 I:0 **HMIS® III:** H:2 F:0 P:0 These ratings estimates are to be used only with a fully implemented training program in the workplace. NFPA® is a mark registered by the NFPA. HMIS® is a mark registered by the NPCA.

Replaces sheet dated 2/26/16. Updated ingredients percentages.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.