

**Safety Data Sheet**

**Section 1. Product & Company Identification**

**Product Name: CitricIce®**

**Product Number: 615628**

Product Description / Use: Liquid Low pH Detergent Mixture for commercial vehicle washes.

Manufacturer: Cleaning Systems, Inc., 1997 American Blvd., P.O. Box 5606, De Pere, WI 54115-5606  
 Phone: 1-920-337-2175, Fax: 1-920-337-9410, [www.cleaningsystemsinc.com](http://www.cleaningsystemsinc.com), chemcompliance@cleaningsystemsinc.com  
 Emergency Telephone Number: CHEMTREC 1-800-424-9300 or 703-527-3887

**Section 2: Hazards Identification**

Hazard Class: **Serious Eye Damage 1, Skin Corrosion 1A, Acute Toxicity - Oral 4**

Signal Word: **Danger**

Hazard Statement(s): **H314: Causes severe skin burns and eye damage. H302: Harmful if swallowed.**

Precautionary Statement(s): **P264: Wash thoroughly after handling. P280: Wear protective gloves / eye protection.**

Precautionary Response Statement(s): **P301 + P330 + P331: IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell. Do NOT induce vomiting. P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310: Immediately call a POISON CENTER or doctor/physician. P302 + P353 + P352: IF ON SKIN: Rinse skin with water/shower. Wash with plenty of water. Precautionary Statement Disposal: P501: Dispose of contents/container in accordance with local/regional/national regulations.**



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

Ingredient(s)	CAS #	EC #	Wt. %	Classification
Phosphoric Acid	7664-38-2	231-633-2	10-20	Oral Tox 4, Eye Dam 1, Skin Corr. 1A
Proprietary Surfactant Blend	Mixture	Mixture	5-10	Acute Tox. Oral 4, Eye Dam. 1
2-Butoxyethanol	111-76-2	203-905-0	1-5	Acute Tox. 4, Eye/Skin Irritant 2
d-limonene	5989-27-5	227-813-5	1-4	Flammable Liquid 3, Skin Irritant 2, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1

**Section 4: First Aid Measures**

Eyes: Flush with clear water for at least 15 minutes. Get immediate medical attention.

Skin: Rinse well with water. Remove contaminated clothing.

Ingestion: Give water if conscious. Do not induce vomiting, although vomiting may occur naturally. Get immediate medical attention.

Inhalation: Move to fresh air. If irritation persists, get medical attention.

**Section 5: Fire Fighting Measures**

Product will not burn. No known hazardous decomposition products. Unusual Fire & Explosion Hazards: None known.

Fire Fighting Procedures: Appropriate for surrounding materials.

**Section 6: Accidental Release Measures**

Keep spills away from storm drains, surface water and soil. Spills and Leaks: Small spills - Rinse to drain.

Large spills - Contain for reclamation or disposal. Caution: Spills of this material may cause floor to become slippery

**Section 7: Handling and Storage**

Store in original container at temperatures below 120°F.

Product is for use as a detergent in commercial, automatic vehicle wash applications.

**Section 8: Exposure Controls / Personal Protection**

Ingredient Exposure Limits

OSHA PEL

ACGIH TLV

Phosphoric Acid 1 mg/m3 8-hr. TWA

2-Butoxyethanol 50 ppm TWA skin

20 ppm TWA skin

Personal Protection

Eyes: Wear Chemical Goggles Skin: Neoprene Gloves. Rubber Apron if greater exposure is likely.

Respiratory: Good General Ventilation. Respirator not normally required.

Avoid being sprayed by product in the vehicle wash.

**Section 9: Physical and Chemical Properties**

Appearance: Clear, orange colored liquid.

Odor: Mild orange like odor.

Odor Threshold: Not Determined.

pH full strength: 1.0, pH at 1.0% = 2.4

Freezing Point: Near Water.

Initial Boiling Point: Near Water.

Specific Gravity: 1.05.

Flash Point: Not Applicable.

Flammability: Will Not Burn.

% Volatile (w/w): >70, mostly water.

Evaporation Rate: Not determined, similar to water.

Vapor Pressure: Not Determined.

Vapor Density: Not Determined.

Solubility in Water: Complete.

Partition coefficient: Not Determined.

Auto-Ignition Temperature: Not Applicable.

**Section 10: Stability and Reactivity**

Stability: This is a stable material.

Materials to Avoid: Strong Alkalis.

Conditions to Avoid: None Known.

Hazardous Polymerization will NOT occur.

**Section 11: Toxicological Information**

Acute toxicity: No data is available on this mixture.

Skin Corrosion / Irritation: This product is Corrosive to skin.

Serious Eye damage / Irritation: No data is available on this mixture. This product is Corrosive to eyes with significant exposure.

Respiratory of Skin Sensitization: No data available.

Germ Cell Mutagenicity: No data available on this mixture. No indication from ingredients.

Carcinogenicity: No data available on this mixture.

Reproductive Toxicity: No data available on this mixture. No indication from ingredients.

STOST-Single Exposure: No data available on this mixture. No indication from ingredients.

STOST-Repeated Exposure: No data available on this mixture. No indication from ingredients.

Aspiration Hazard: No data available. No toxicological data is available on this mixture. For information on ingredients, write to the email address listed in Section 1 of this SDS

**Section 12: Ecological Information**

Ecological Toxicity: No data is available on this mixture. Biodegradability: The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

**Section 13: Disposal Considerations**

Follow all Federal, State, and Local Regulations appropriate for this material. Neutralize pH with dilute Sodium Bicarbonate before disposal. Wastewater should be directed to a proper wastewater treatment facility.

**Section 14: Transportation Information**

D.O.T. Hazardous Material Class: Corrosive Liquid, Acidic, Inorganic, N.O.S., (Contains Phosphoric Acid), 8, UN Number: UN3264, PG III

**Section 15: Regulatory Information**

U.S.A.: This material is not SARA Title III reportable. This product does not contain any chemicals known to the State of California to cause cancer, birth defects or any other reproductive harm. All materials are included on the TSCA Inventory.

**Section 16: Other Information**

Hazard & Precautionary Statements in Section 2 are taken from the European CLP Directive.

Prepared by: Cleaning Systems, Inc. Phone: 1-920-337-2175

Version: 07

Revision Date: 20-Sept-18

Supersedes: 01-Feb-18

The information relates to this specific material. It may not be valid for this material if used in combination with any other materials or in any process. CSI (Cleaning Systems, Incorporated) makes no warranty, express or implied, as to the accuracy or completeness or adequacy of information herein, except that such information is to the best of CSI's belief, accurate as of the date indicated. CSI assumes no responsibility for injury from the use of the product described herein.

**Cleaning Systems, Inc., P.O. Box 5606, De Pere, WI 54115-5606, U.S.A., Phone: 920-337-2175**