

Safety Data Sheet

Section 1. Product & Company Identification

Product Name: **RipTide™**Product Number: **0610**

Product Description / Use: Liquid Low pH Detergent. / For use as a detergent in commercial car 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,
 Email: chemcompliance@cleaningsystemsinc.com
 Emergency Telephone Number: CHEMTREC 1-800-424-9300 or 703-527-3887

Section 2: Hazards Identification

Hazard Class: **1A Corrosive**Signal Word: **Danger**Hazard Statement(s): **H314: Causes severe skin burns and eye damage.**Precautionary Statement(s): **P280: Wear protective gloves/eye protection.**Precautionary Statement Response: **P303 + P361 + P353: IF ON SKIN (or hair) Remove****immediately all contaminated clothing. Rinse skin with water/shower. P363: Wash contaminated clothing before reuse. P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**Precautionary Statement Storage: **P405: Store locked up.**Precautionary Statement Disposal: **P501: Dispose of container to recycling after rinsing.**

Section 3: Composition / Information on Ingredients

Ingredient(s)	CAS #	EC #	Wt. %	Classification
Sulfuric Acid	7664-93-9	231-639-5	1-5	1A Corrosive
Phosphoric Acid	7664-38-2	231-633-2	1-5	1C Corrosive
2-Butoxyethanol	111-76-2	203-905-0	5-10	Acute Tox. 4, Eye/Skin Irritant 2
Sulfamic Acid	5329-14-6	226-218-8	1-5	Skin Corrosion 1B

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: (Harmful exposure is unlikely) 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, car wash applications.

Section 8: Exposure Controls / Personal Protection

<u>Ingredient Exposure Limits</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Sulfuric Acid	1 mg/m ³	1 mg/m ³
2-Butoxyethanol	50 ppm skin	20 ppm skin
Sulfamic Acid	15 mg/m ³ dusts	Not Established

Personal Protection

Eyes: Wear Chemical Goggles

Skin: Neoprene Gloves. Rubber Apron if greater exposure is likely.

Respiratory: Good General Ventilation. Respirator not normally required.

Section 9: Physical and Chemical Properties

Appearance: Clear, orange colored liquid.

Odor: Mild solvent smell.

Odor Threshold: Not Determined.

pH full strength: <1

Freezing Point: < 0°C.

Initial Boiling Point: Not determined.

Flash Point: Not Determined.

Flammability: Not determined.

Evaporation Rate: Not determined, similar to water.

Vapor Pressure: Not Determined. Vapor

Density: Not Determined.

Specific Gravity: 1.05

Solubility in Water: Complete.

Partition coefficient: Not Determined.

Auto-Ignition Temperature: Not Applicable.

Decomposition Temperature: Not Applicable.

% Volatile (w/w): >80, mostly water

Section 10: Stability and Reactivity

Stability: This is a stable material.

Materials to Avoid: None known.

Conditions to Avoid: None Known.

Hazardous Polymerization will NOT occur.

Section 11: Toxicological Information

Routes of Entry / Exposure

Skin Contact

Skin Absorption

Eye Contact

Inhalation (most likely when diluted with water and sprayed on vehicles)

Ingestion

Acute toxicity: No data is available on this mixture. The results based on calculation as per GHS bridging calculations chapter 3.1.3.6 Rev are above the classification limits.

Skin Corrosion / Irritation: This product may be Irritating to skin with exposures over 1 hour.

Serious Eye damage / Irritation: This product may be Irritating to eyes with any 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. No indication from ingredients.

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.

This product contains Phosphoric Acid.

Section 13: Disposal Considerations

Follow all Federal, State, and Local Regulations appropriate for this material.

Wastewater resulting from use of this product should be directed to a properly operating wastewater treatment facility.

Section 14: Transportation Information

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

Section 15: Regulatory Information

EPA SARA Title III Section 312 (40CFR 370) Hazard Classification of ingredients: Acute Health Hazard.

This product does not contain any chemicals known to the State of California to cause cancer, birth defects or any other reproductive harm.

Section 16: Other Information

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

Version: 04

Revision Date: 29-Mar-17

Supersedes: 02-Sep-15

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.