

Safety Data Sheet24 Hour Emergency Phone: **CHEMTREC 1-800-424-9300****Section 1. Product & Company Identification****Product Name: The Answer®****Product Number: 0602**

Product Description / Use: Liquid Low pH Detergent Mixture for 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
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Section 2: Hazards IdentificationHazard Class: **Eye / Skin Irritant 2, Aquatic 3**

Hazard Pictogram:

Signal Word: **Warning**Hazard Statement(s): **H302: Harmful if swallowed. H319: Causes serious eye irritation. H317: May cause allergic skin reaction. H410: Toxic to aquatic life with long lasting effects.**Precautionary Statement(s): **P264: Wash thoroughly after handling. P280: Wear protective gloves / eye protection. P273: Avoid release to the environment.**Precautionary Statement Response: **P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P391: Collect spillage.**Precautionary Statement Disposal: **P501: Dispose of container to recycling after rinsing.****Section 3: Composition / Information on Ingredients**

Ingredient(s)	CAS #	EC #	Wt. %	Classification
d-limonene	5989-27-5	227-813-5	20-40	Flammable Liquid 3, Skin Irritant 2, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1
Glycolic Acid	79-14-1	201-180-5	5-10	Oral/Derm Tox 4, 1B Corrosive
Proprietary Surfactant Blend	Not Applicable	Not Applicable	5-10	Acute Tox. Oral 4, Eye Dam. Irr. 1, Aquatic Chronic 4
Diethylene Glycol Monobutyl Ether	112-34-5	203-961-6	1-5	Eye Irritant 2

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 car wash applications.

Section 8: Exposure Controls / Personal ProtectionIngredient Exposure LimitsOSHA PELACGIH TLV

Glycolic Acid

Not Established

Not Established

Diethylene Glycol Monobutyl Ether 35 ppm TWA (Dow Industrial Hygiene Guide)

Personal Protection

Eyes: Wear Chemical Goggles

Respiratory: Good General Ventilation. Respirator not normally required

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

Avoid being sprayed by product in the car wash.

Section 9: Physical and Chemical Properties

Appearance: Clear, Blue liquid, water based detergent solution.

Odor: Orange solvent like odor.

Odor Threshold: Not Determined.

pH full strength: 2.5

Freezing Point: Near Water.

Initial Boiling Point: Near Water.

Flash Point: Not Applicable.

Flammability: Will Not Burn.

Evaporation Rate: Not determined, similar to water.

Vapor Pressure: Not Determined.

Vapor Density: Not Determined.

Specific Gravity: 1.03.

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.

Conditions to Avoid: None Known.

Materials to Avoid: Strong Alkalis.

Hazardous Polymerization will NOT occur.

Section 11: Toxicological Information

Acute toxicity: No data is available on this mixture.

Skin Corrosion / Irritation: This product is NOT Corrosive to skin.

Serious Eye damage / Irritation: This product is very Irritating to eyes with direct contact.

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. 2-Butoxy Ethanol has been shown to cause cancer in laboratory animals.

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 address listed in Section 16 of this MSDS

Section 12: Ecological Information

Ecological Toxicity: No data is available on this mixture.

Biodegradability: Some surfactant(s) contained in this preparation do not comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

This product does not contain Phosphates.

Section 13: Disposal Considerations

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

Neutralize pH with dilute Sodium Bicarbonate before disposal.

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: Not a DOT Hazardous Material

UN Number: Not Applicable

Section 15: Regulatory Information

U.S.A.

This material is not SARA Title III reportable.

California Prop. 65: This product may contain trace quantities of the following materials that are found by the state of California to cause cancer, birth defects and other reproductive harm: Ethylene oxide, 1,4-Dioxane, all <0.0001%

Section 16: Other Information

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

Prepared by: Richard Martens, Chemist, Cleaning Systems, Inc.

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HMIS Rating: 2-0-0

Phone: 1-920-337-2175

Supersedes: New GHS format

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