

Safety Data Sheet**Section 1. Product & Company Identification**Product Name: **Blend 104**Product Number: **UF104**

Product Description & Use: Liquid 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,
 Email: chemcompliance@cleaningsystemsinc.com
 Emergency Telephone Number: CHEMTREC 1-800-424-9300 or 703-527-3887

Section 2: Hazards IdentificationHazard Class: **Eye / Skin Irritant 2, Aquatic 2**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
Ethylene Glycol	107-21-1	203-473-3	5-10	Harmful if swallowed. Oral 4
2-Butoxyethanol	111-76-2	203-905-0	5-10	Acute Tox. 4, Eye/Skin Irritant 2
Ethoxylated Alcohol	68439-46-3		10-20	Acute Tox. Oral 4, Eye Dam. Irr. 1
d-limonene	5989-27-5	227-813-5	20-30	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

Flash Point: 122°F. Method used: Closed cup, EPA 1010. No known hazardous decomposition products.

Unusual Fire & Explosion Hazards: None known.

Fire Fighting Procedures: Appropriate for surrounding materials.

Section 6: Accidental Release MeasuresPersonal Precautions: Use personal protective equipment recommended in Section 8.Environmental Precautions: 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 50°C. Keep out of reach of children.

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

Section 8: Exposure Controls / Personal ProtectionIngredient Exposure LimitsOSHA PELACGIH TLVEthylene Glycol 100 mg/m³ Not Established

Surfactant blend Not Established Not Established

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.
Odor: Mild citrus solvent like odor.
Odor Threshold: Not Determined.
pH full strength: 5-7
Freezing Point: Will not freeze
Initial Boiling Point: Near Water.
Evaporation Rate: Not determined, similar to water.

Flash Point: 122°F.
Flammability: Will Not Burn.
Vapor Pressure: Not Determined.
Vapor Density: Not Determined.
Specific Gravity: 0.97
Solubility in Water: Miscible.
Partition coefficient: Not Determined.

Auto-Ignition Temperature: Not Applicable.
Decomposition Temperature: Not Applicable.
% Volatile (w/w): >15

Section 10: Stability and Reactivity

Stability: This is a stable material.

Conditions to Avoid: None Known.

Materials to Avoid: None known.

Hazardous Polymerization will NOT occur.

Hazardous Decomposition Products: None Known.

Section 11: Toxicological Information

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.

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.

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. d-limonene is toxic to fish.

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 does not contain Phosphates.

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

ADR/RID/IMO/ICAO/US DOT. Hazardous Material Class: Not a DOT Hazardous Material

UN Number: Not Applicable

Section 15: Regulatory Information

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

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, Acetaldehyde, Formaldehyde, 1,4-Dioxane, Methyl Chloride, all <0.001%.

Section 16: Other Information

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

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Supersedes: 04-Nov -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.