

Safety Data Sheet

24 Hour Emergency Phone:
CHEMTREC 1-800-424-9300

Section 1. Product & Company Identification

Product Name: **Ultraflex® - General Cleaner 320** Product Number: **DF320**

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,

Section 2: Hazards Identification

Hazard Class: **Eye / Skin Irritant 2**

Signal Word: **Warning**



Hazard Statement(s): **H332: Harmful if inhaled. H312: Harmful in contact with skin. H302: Harmful if swallowed. H319: Causes serious eye irritation. H315: Causes skin irritation.**

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

Precautionary Statement Response: **P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**

Section 3: Composition / Information on Ingredients

Ingredient(s)	CAS #	EC #	Wt. %	Classification
Ethylene Glycol	107-21-1	203-473-3	10-20	Harmful if swallowed. Oral 4
Ethoxylated Alcohol	68439-46-3		20-40	Acute Tox. Oral 4, Eye Dam. Irr. 1
EDTA	64-02-8	200-573-9	10-20	Acute Tox. 4

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

Personal 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 vehicle wash applications.

Section 8: Exposure Controls / Personal Protection

<u>Ingredient Exposure Limits</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Ethylene Glycol	100 mg/m ³	Not Established
Surfactant blend	Not Established	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
 Avoid being sprayed by product in the vehicle wash.

Section 9: Physical and Chemical Properties

Appearance: Clear, yellowish liquid.	
Odor: Mild solvent like odor.	Odor Threshold: Not Determined.
pH full strength: 9.3	
Freezing Point: Near Water.	Initial Boiling Point: Near Water.
Evaporation Rate: Not determined, similar to water.	
Flash Point: Not Applicable.	Flammability: Will Not Burn.
Vapor Pressure: Not Determined.	Vapor Density: Not Determined.
Specific Gravity: 1.07	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.

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 or 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 address listed in Section 16 of this MSDS

Section 12: Ecological Information

Ecological Toxicity: No data is available on this mixture.

Biodegradability: A surfactant contained in this preparation does 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.

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 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.

HMIS Rating: 2-0-0

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Phone: 1-920-337-2175

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