

Safety Data Sheet**Section 1. Product & Company Identification**Product Name: **DynaShield® Ultra 010**Product Number: **DF010**

Product Description & Use: Quaternary ammonium-mineral oil mixture. For use as a drying agent 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 IdentificationHazard Class: **Serious Eye Damage 1, Skin Corrosion 1B, 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 exposed area thoroughly after handling. P280: Wear protective gloves/eye protection.** Precautionary Statement Response: **P301+ P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.** 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.** **P310: Immediately call a POISON CENTER or doctor/physician. P303 + P361 + P353: IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water/shower.** 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
Quaternary Ammonium Compounds	Proprietary	Proprietary	10-15	Eye Dam. /Skin Cor. 1B, Acute Tox 4
2-Butoxyethanol	111-72-2	203-905-0	5-10	Acute Tox. 4, Eye/Skin Irritant 2A/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. Use Dry chemical, CO2, Alcohol-Resistant Foam or water Spray.

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 120°F.

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

Section 8: Exposure Controls / Personal Protection

<u>Ingredient Exposure Limits</u>	<u>OSHA PEL</u>	<u>ACGIH TWA</u>
2-Butoxyethanol	50 ppm	20 ppm

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 diluted product in the car wash.

Section 9: Physical and Chemical Properties

Appearance: Clear, amber colored liquid.	Flash Point: > 210°F	Solubility in Water: Complete.
Odor: Mild solvent.	Evaporation Rate: Not determined, similar to water.	Partition coefficient: Not Determined.
Odor Threshold: Not Determined.	Flammability: Not Applicable.	Auto-Ignition Temperature: Not Applicable.
pH full strength: varies	Vapor Pressure: Not Determined.	Decomposition Temperature: Not Applicable.
Freezing Point: Not Determined	Vapor Density: Not Determined.	% Volatile (w/w): >60, mostly water
Initial Boiling Point: Near Water.	Specific Gravity: 0.97	

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 chapter 3.1.3.6 Rev 5 GHS are above the classification limits.

Skin Corrosion / Irritation: No data is available on this mixture.

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. This product is considered Very toxic to aquatic life. May cause long lasting harmful effects to aquatic life.

Biodegradability: No data is available on this mixture.

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 could be directed to a properly operating wastewater treatment facility. Contact wastewater treatment facility before discharging.

Section 14: Transportation Information

DOT Road/Rail – Air Transport ICAO – Sea Transport IMDG

UN Number: UN 2735

UN proper shipping name: Amines, Liquid, Corrosive, N.O.S. (Alkoxyated Fatty Amine, Quaternary Ammonium Chloride)

Transportation hazard class: 8 Packing group: III

Section 15: Regulatory Information

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

SARA 313 This product contains 0.001% Methane, chloro-; CAS-No: 74-87-3.

Section 16: Other Information

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

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Supersedes: 28-Oct-15

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