

Safety Data Sheet

Section 1. Product & Company Identification

Product Name: **LustraShield® with BDR 441 Grape** Product Number: **UF441**

Product Description & Use: Cationic surfactant / polymer microemulsion in water. For use as a sealant 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.comEmail: chemcompliance@cleaningsystemsinc.com

Emergency Telephone Number: CHEMTREC 1-800-424-9300 or 703-527-3887

Section 2: Hazards Identification

Hazard Class **Serious Eye Damage 1, Skin Corrosion 1B, Acute Toxicity - Oral 4, Flammable Liquid 4**Signal Word: **Danger**Hazard Statement(s). **H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H227: Combustible liquid.**Precautionary Statement(s): **P264: Wash thoroughly after handling. P280: Wear protective gloves / eye protection.**Precautionary Response Statement(s): **P301 + P310 + P331: IF SWALLOWED: Immediately call a POISON****CENTER or doctor/physician. Do NOT induce vomiting. 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 P332 + 313 If skin irritation occurs: Get medical advice/attention. P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P403: Store in a well ventilated place** 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	25-35	Acute Tox. 4, Eye 1/Skin Irritant 1B
1-Butoxy-2-propanol	5131-66-8	225-878-4	< 10	Flammable Liquid 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: Harmful exposure is unlikely. Move to fresh air. If irritation persists, get medical attention.

Section 5: Fire Fighting Measures

Flammable Properties: Combustible liquid.

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 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 120°F.

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

Section 8: Exposure Controls / Personal Protection

Ingredient Exposure Limits*Dow IGH

1-Butoxy-2-propanol

50 ppm

Personal Protection

Eyes: Wear Chemical Goggles when handling concentrated product, recommended but not required for diluted product.

Skin: Neoprene Gloves when handling concentrated product, recommended but not required for diluted product.

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, purple colored.

pH full strength: 5 – 9

Freezing Point: Near water.

Flash Point: 144°F (62°C).

Does not sustain burning by ASTM D4206-96.

Vapor Density: Not Determined.

Specific Gravity: 0.96

Partition coefficient: Not Determined.

Decomposition Temperature: Not Applicable.

Odor: Mild solvent.

Odor Threshold: Not Determined.

Initial Boiling Point: Not Determined.

Evaporation Rate: Not determined.

Vapor Pressure: Not Determined.

Solubility in Water: Miscible

Auto-Ignition Temperature: Not Applicable.

% Volatile (w/w): >35%

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

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: This product is irritating to skin with exposures of 1 hour.

Serious Eye damage / Irritation: This product is 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.

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 on this mixture.

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 should be directed to a properly operating wastewater treatment facility.

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. (Alkoxylated 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 0.005% Methane, chloro-; CAS-No: 74-87-3.

Section 16: Other Information

Prepared by Cleaning Systems, Inc.

Phone: 1-920-337-2175

Version: 03

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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.

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