

Safety Data Sheet

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

Section 1. Product & Company Identification

Product Name: **LustraShield® with BDR 440**

Product Number: **UF440**

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.com.

Distributor: **Shiners Car Wash Systems Pty Ltd**, 196 Turner St. Port Melbourne 3207 VIC Australia, Telephone: +61 3 9646 0999, Fax: +61 3 9646 0777

Section 2: Hazards Identification

Hazard Class: **Eye / Skin Irritant 2, Aquatic Acute/Chronic 4** 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. H400: Very toxic to aquatic life. H413: May cause long lasting harmful effects to aquatic life.**
 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 several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**
 Precautionary Statement Disposal: **P501: Dispose of container to landfill or clean and recycle.**



Section 3: Composition / Information on Ingredients

Ingredient(s)	CAS #	EC #	Wt. %	Classification
Quaternary Ammonium compounds, dicoco alkyldimethyl, chlorides	61789-77-3	263-087-6	20-50	Acute Tox. 4, Eye/Skin Irritant 2, Aquatic Acu/Chron 4
Amines, tallow alkyl, ethoxylated	61791-26-2	500-153-8	10-20	Acute Tox. 4, Eye/Skin Irritant 2, Aquatic Acu/Chron 4
Propan-2-ol	67-63-0	200-661-7	5-10	Aquatic Acu/Chron 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

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 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	OSHA PEL	ACGIH TLV
Quaternary amine mixture	400 ppm	400 ppm

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 diluted product in the car wash.

Section 9: Physical and Chemical Properties

Appearance: Clear, purple colored liquid, water based microemulsion.
Odor: Mild solvent like odor.
Odor Threshold: Not Determined.
pH full strength: 5 - 9
Freezing Point: Near Water.
Initial Boiling Point: Near Water.

Flash Point: > 140°F or 60°C
Flammability: Will Not Burn.
Evaporation Rate: Not determined.
Vapor Pressure: Not Determined.
Vapor Density: Not Determined.
Specific Gravity: 0.96
Solubility in Water: Miscible.

Partition coefficient: Not Determined.
Auto-Ignition Temperature: Not Applicable.
Decomposition Temperature: Not Applicable.
% Volatile (w/w): >35, mostly water

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.

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 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: The 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.

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 Regulated

UN Number: Not applicable

Section 15: Regulatory Information

Classified as Non-Hazardous according to NOHSC: Irritant Xi, Irritating to eyes. Inhalation of mists may be irritating to throat and respiratory tract. Repeated contact with skin can remove natural oils and cause dryness and irritation.

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

This product contains chemical(s) known to the State of California to cause cancer, birth defects or other reproductive harm. Component: Methane, chloro-; CAS-No: 74-87-3

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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Phone: 1-920-337-2175

Supersedes: 08-May-12

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.