

Safety Data Sheet

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

Section 1. Product & Company IdentificationProduct Name: **D-Bug-It® 460**Product Number: **DF460**

Product Description & Use: Liquid Detergent. / For use as an insect removing detergent 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 .
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Section 2: Hazards IdentificationHazard Class: **Eye / Skin Irritant 2**Signal Word: **Warning**Hazard Statement(s): **H302: Harmful if swallowed. H312: Harmful in contact with skin. H319: Causes serious eye 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.**Precautionary Statement Disposal: **P501: Dispose of container to recycling after rinsing.****Section 3: Composition / Information on Ingredients**

Ingredient(s)	CAS #	EC #	Wt. %	Classification
Surfactant Blend	Mixture	Mixture	15-30	eye/skin irritant 2
Sodium Metasilicate	6834-92-0	229-912-9	0-5	1B Corrosive STOT SE3
Sodium Glucoheptonate	31138-65-5	250-480-2	5-15	eye/skin irritant 2
Ethylene Glycol	107-21-1	203-473-3	5-10	Harmful if swallowed. Oral 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

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 an insect removing detergent in commercial car wash applications.

Section 8: Exposure Controls / Personal ProtectionIngredient Exposure LimitsOSHA PELACGIH TLV

Surfactant Blend

Not Established

Not Established

Ethylene Glycol

100 mg/m³

Not Established

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

Section 9: Physical and Chemical Properties

Appearance: Clear, yellow colored liquid.
Odor: Mild odor. Odor Threshold: Not Determined.
pH full strength: 12.9
Freezing Point: Near Water. Initial Boiling Point: Near Water.
Flash Point: Will Not Burn. Flammability: Will Not Burn.
Evaporation Rate: Not determined, similar to water.
Vapor Pressure: Not Determined. Vapor Density: Not Determined.
Specific Gravity: 1.1 Solubility in Water: Complete.
Partition coefficient: Not Determined. Auto-Ignition Temperature: Not Applicable.
Decomposition Temperature: Not Applicable. % Volatile (w/w): >50, mostly water

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.

Section 11: Toxicological Information

Routes of Entry / Exposure
 Skin Contact Skin Absorption Eye Contact
 Inhalation (most likely when diluted with water and sprayed on vehicles) Ingestion
Acute toxicity: No data is available on this mixture.
Skin Corrosion / Irritation: This product may be irritating to skin with exposures over 1 hour.
Serious Eye damage / Irritation: This product may be 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. No indication from ingredients.
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 SDS

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

D.O.T. Hazardous Material Class: Not Regulated 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.
Prepared by: Cleaning Systems, Inc. Phone: 1-920-337-2175
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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.

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