

**Safety Data Sheet**24 Hour Emergency Phone: **CHEMTREC 1-800-424-9300****Section 1. Product & Company Identification**Product Name: **DynaClear™**Product Number: **622715**

Product Description / Use: Liquid Alkaline Detergent for use in vehicle wash applications.

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](http://www.cleaningsystemsinc.com)

**Section 2: Hazards Identification**

Hazard Class: **Acute Tox 4, Eye / Skin Irritant 2, Aquatic Acute 4** Signal Word: **Warning**  
 Hazard Statement(s): **H302: Harmful if swallowed. H319: Causes serious eye irritation. H317: May cause allergic skin reaction. H410: Toxic to aquatic life with long lasting effects.**  
 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 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P391: Collect spillage.**  
 Precautionary Statement Disposal: **P501: Dispose of container to recycling after rinsing.**

**Section 3: Composition / Information on Ingredients**

Ingredient(s)	CAS #	EC #	Wt. %	Classification
Sodium Metasilicate	6834-92-0	229-912-9	1-5	1B Corrosive STOT SE3
Ethoxylated Alcohol	68439-46-3		5-10	Acute Tox. Oral 4, Eye Dam. Irr. 1
EDTA	64-02-8	200-573-9	1-5	Acute Tox. 4
PEG-15 Cocomonium chloride	61791-10-4		1-5	Acute Tox. Oral 4, Eye Dam. Irr. 1; Aquatic Acute, Chronic 3

**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: Upon contact with dusts of Al, Sn or Zn, may produce Hydrogen gas, which is flammable. 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. Neutralize with dilute acid, preferably acetic acid.  
 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.

**Section 8: Exposure Controls / Personal Protection**Ingredient Exposure LimitsOSHA PELACGIH TLV

None 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 diluted product in the vehicle wash.

**Section 9: Physical and Chemical Properties**

Appearance: Clear, orange, water based detergent.

Odor: Mild odor.

Odor Threshold: Not Determined.

pH full strength: < 11.5

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: 1.05

Solubility in Water: Complete.

Partition coefficient: Not Determined.

Auto-Ignition Temperature: Not Applicable.

Decomposition Temperature: Not Applicable.

% Volatile (w/w): >75, 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 is Not Corrosive to skin.

Serious Eye damage / Irritation: This product is very Irritating to eyes with direct contact.

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. 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.

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: Surfactants contained are greater than 90% biodegradable.

manufacturer. This product does not contain Phosphates.

**Section 13: Disposal Considerations**

Follow all Federal, State, and Local Regulations appropriate for this material.

Neutralize pH with dilute acid before disposal.

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 a DOT Hazardous Material

UN Number: Not Applicable

**Section 15: Regulatory Information**

This material is not SARA Title III reportable.

California Prop. 65: This product may contain trace quantities of the following materials that are found by the state of California to cause cancer, birth defects and other reproductive harm: Ethylene oxide, 1,4-Dioxane, all <0.0001%

**Section 16: Other Information**

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

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