

## Safety Data Sheet

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

### Section 1. Product & Company Identification

Product Name: **XL-1240**

Product Number: **621240**

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: **1A Corrosive**

Signal Word: **Danger**



Hazard Statement(s): **H314: Causes severe skin burns and eye damage.**

Precautionary Statement(s): **P260: Do Not Breathe Spray. P264: Wash exposed area thoroughly after handling. P280: Wear protective gloves/eye protection.**

Precautionary Statement Response: **P303 + P361 + P353: IF ON SKIN (or hair) Remove immediately all contaminated clothing. Rinse skin with water/shower. P363: Wash contaminated clothing before reuse. 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 Storage: **P405: Store locked up.**

Precautionary Statement Disposal: **P501: Dispose of container to recycling after rinsing.**

### Section 3: Composition / Information on Ingredients

Ingredient(s)	CAS #	EC #	Wt. %	Classification
Sodium Hydroxide	1310-73-2	215-185-5	1-5	1A Corrosive to skin and eyes
EDTA	64-02-8	200-573-9	1-5	Acute Tox. 4
Ethoxylated Nonylphenol	9016-45-9		1-5	Acute Tox. Oral 4, Eye Dam. Irr. 1, Aquatic Chronic 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: 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.  
 Product is a detergent for use in commercial vehicle wash applications.

### Section 8: Exposure Controls / Personal Protection

<u>Ingredient Exposure Limits</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Sodium Hydroxide	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>

#### 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, purple colored liquid detergent.

Odor: Mild odor.

pH full strength: 13.2

Freezing Point: Near Water.

Flash Point: Will Not Burn.

Evaporation Rate: Not determined, similar to water.

Vapor Pressure: Not Determined.

Specific Gravity: 1.1

Solubility in Water: Complete.

Auto-Ignition Temperature: Not Applicable.

Decomposition Temperature: Not Applicable.

Odor Threshold: Not Determined.

Initial Boiling Point: Near Water.

Flammability: Will Not Burn.

Vapor Density: Not Determined.

Partition coefficient: Not Determined.

% 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: Strong Acids. Dusts of Aluminum, Tin, or Zinc.

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 Corrosive to skin with exposures of 1 hour.

Serious Eye damage / Irritation: 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. 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 MSDS

## Section 12: Ecological Information

Ecological Toxicity: No data is available on this mixture.

Biodegradability: Some surfactant(s) contained in this preparation do not comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. manufacturer. This product contains 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: Sodium Hydroxide Solution, Class 8, PG II, UN Number: UN1824

### **Section 15: Regulatory Information**

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

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.

HMIS Rating: 3-0-0

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