

**COASTWIDE LABORATORIES**  
Formerly Paulsen & Roles Laboratories  
10000 SW Commerce Circle  
Wilsonville, OR 97070  
Office PHONE: 503-416-5300 or FAX 503-416-5301

<u>Hazard Rating</u>	<u>HMIS</u>	<u>NFPA</u>
Health	2	2
Flammability	0	0
Reactivity	0	0
Special	None	None

24-HR EMERGENCIES: **MEDICAL 800-808-4691**

**DOT CHEMTREC: 800-424-9300**

## MATERIAL SAFETY DATA SHEET

Complies with ANSI Z400.1 Format

### SECTION 1: PRODUCT IDENTIFICATION

Product: **GREASE LIGHTNING<sup>TM</sup>** MSDS CODE: CL7500.0306  
GENERIC DESCRIPTION DATE ISSUED SUPERSEDES PREPARED BY  
Heavy Duty Degreaser 3-1-06 7-1-00 Regulatory Affairs Dept.

### SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

Components*	% by Wt.	CAS #	Exposure Limit
Nonionic Surfactant	10-20	68439-46-3	TLV not established
Sodium Hydroxide	04-06	1310-73-2	2 mg/m <sup>3</sup> (PEL & TLV/TWA)
Potassium Hydroxide	10-18	1310-58-3	2 mg/m <sup>3</sup> (PEL & TLV/TWA)
Sodium Metasilicate	02-07	1344-09-8	None

Balance is water and similar non-hazardous ingredients.

\*There are no components in this product that are currently reportable in either SARA Title III: Section 313, 40 CFR part 372 or the California Proposition 65 requirements.

NA = Not applicable NSR = No Special Requirements ND = Not Determined PEL = OSHA TLV-TWA = ACGIH

### SECTION 3: HAZARD IDENTIFICATION

**Primary Entry Routes:** Skin, eyes, ingestion and inhalation. **Signs & Symptoms of Exposure:** Direct contact of product with eyes or skin may cause severe irritation. Prolonged or repeated contact of product with skin and eye may cause redness and burns.

**Effects of Overexposure:** Corrosive. Can cause eye damage. Avoid contact with eyes, skin and clothing.

### SECTION 4: FIRST AID MEASURES

**Emergency First Aid Procedures:** In case of contact with eyes or skin, immediately flush eyes and skin with plenty of water for at least 15 minutes. Get prompt medical aid. Remove and wash contaminated clothing before reuse. **INGESTION:** If swallowed, drink large amounts of water or milk and seek medical aid. Due to the extreme pH of the product, corrosive damage to mouth, throat and stomach should be considered in treatment. **INHALATION:** If inhaled, remove to fresh air immediately.

### SECTION 5: FIRE FIGHTING MEASURES

**Flash Point:** NONE **Flammable Limits:** ND **Extinguishing Media:** Foam. CO<sub>2</sub>. Dry Chemical. Water Fog.  
**Special Fire Fighting Procedures:** Use procedures when corrosives are present. **Unusual Fire Hazards:** Corrosive

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Release or Spill:** Absorb with diatomaceous earth or similar inert material. Sweep or scrape up and containerize. Rinse affected area thoroughly with water. Wear or use appropriate protective equipment. All Federal, State and Local regulations should be carefully followed.

### SECTION 7: HANDLING AND STORAGE

Keep out of reach of children. Store in a cool, dry place with adequate ventilation. Keep from freezing. Wash thoroughly after handling. Empty container may contain small amounts of undiluted product. Be certain to dispose of according to all regulations.

### SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Respiratory Protection:** No special requirements for normal use conditions. If mists/vapors are not adequately controlled by local ventilation, use appropriate respiratory protection to prevent over exposures.

**Protective Gloves:** Recommended when using this cleaning product. This cleaner is a very strong and effective caustic. Handle it carefully.

**Eye Protection:** Wear splash-proof goggles for undiluted product are recommended.

**Other Protective Measures:** Use good personal hygiene practices. Launder contaminated clothing/equipment before reuse. Keep this product from collecting inside footwear.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance/Odor:** Dark green liquid **Boiling Point:** 212F **Evap. Rate:** NA **pH:** 11.5-12.5  
**Vapor Density:** ND **Vapor Pressure:** NA **Specific Gravity:** 1.08 **Solubility in Water:** Complete **%Volatile:** NA

### SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable **Conditions to Avoid:** None known to COASTWIDE **Incompatibility:** None known to COASTWIDE  
**Hazardous Decomposition Products:** None known to COASTWIDE.  
**Hazardous Polymerization:** Will not occur. **Conditions to Avoid:** None known to COASTWIDE.

### SECTION 11: TOXICOLOGICAL INFORMATION

**Oral Toxicity:** This product contains none of the persistent, bioaccumulative and toxic chemicals (**PBT**) as listed by EPA: dioxins & furans, toxaphene, PCBs, Mirex, Mercury & compounds, Octachlorostyrene, alkyl-lead, DDT, Hexachlorobenzene, aldrin/dieldrin, benzo(a)pyrene and chlordane. Contains no 2-butoxyethanol (butyl).

### SECTION 12: ECOLOGICAL INFORMATION

Contains no alkyphenol ethoxylates (**APE**). No ingredients used to make this product are listed in the toxic release inventory (**TRI**) chemicals list under Superfund Amendments and Reauthorization Act (SARA) Title III, Section 313. This product contains no ozone-depleting chlorinated compounds as specified by the Montreal Protocol. This product contains no paradichlorobenzene 1,4-dioxane, sodium hypochlorite, NTA or sodium EDTA. This product contains volatile organic compounds (**VOC**) in a concentration of less than 5% of the weight of the product. After this product's use, it will biodegrade in sewage systems and/or the environment.

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Information:** No special method. Observe all applicable Federal, State and Local regulations, rules and/or ordinances regarding disposal of non-hazardous materials.

### SECTION 14: TRANSPORT INFORMATION

**DOT EMERGENCY 24-HR: (800) 424-9300**  
**DOT Class:** Corrosive Liquid, basic, inorganic, n.o.s. (Sodium Hydroxide) 8, UN3266, PGII (ERG #154)

### SECTION 15: REGULATORY INFORMATION

**SARA Title III Section 313 and 40 CFR Part 372 Notification:** See Section 2.  
No ingredients in this product are currently listed as carcinogens by NTP, IARC or OSHA. All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

### SECTION 16: OTHER INFORMATION

Always follow label directions carefully when using this or any other chemical product. If information about this product is required, please contact COASTWIDE Laboratories at 503-218-4900. Keep MSDSs filed and organized in an area accessible to workers according to the Hazard Communication Standards.

*All information appearing herein is given in good faith. No warranty is made, expressed or implied including merchantability or fitness for a particular purpose. All conditions of use are beyond the control of COASTWIDE Laboratories. Therefore, users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes. The data contained herein is confidential and intended solely for the user's internal use.*