

COASTWIDE LABORATORIES

Formerly Paulsen & Roles Laboratories

10000 SW Commerce Circle

Wilsonville, OR 97070

Office PHONE: 503-416-5300 or FAX 503-416-5301

24-HR EMERGENCIES: **MEDICAL 800-808-4691****Hazard Rating****Health****Flammability****Reactivity****Special****HMIS****2****0****0****None****NFPA****2****0****0****None****DOT CHEMTREC: 800-424-9300**

MATERIAL SAFETY DATA SHEET

Complies with ANSI Z400.1 Format

SECTION 1: PRODUCT IDENTIFICATIONProduct: **RUST REMOVER™**

MSDS CODE: CL9730.0700

GENERIC DESCRIPTION

Rust Remover

DATE ISSUED

7-1-00

SUPERSEDES

1-15-97

PREPARED BY

Roger McFadden, Chemist

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

Components*	% by Wt.	CAS #	Exposure Limit
Potassium Hydroxide	25-30	1310-58-3	2 mg/m ³ (PEL & TLV/TWA)
Sodium Metasilicate	02-07	1344-09-8	None
Triethanolamine	15-20	102-71-6	None
Alkyl polyglycoside surfactant	10-20	110615-47-9	TLV not established

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. If taken internally, product may cause irritation to mouth, throat or stomach.

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. Give oxygen only if breathing is difficult.

24-HR MEDICAL EMERGENCY PHONE: 800-808-4691**SECTION 5: FIRE FIGHTING MEASURES****Flash Point:** NONE **Flammable Limits:** ND **Extinguishing Media:** Foam. CO2. Dry Chemical. Water Fog.**Special Fire Fighting Procedures:** Use procedures when corrosives are present.**Unusual Fire and Explosion Hazards:** This product is 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 overexposures.

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 diluted and undiluted product.

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: amber liquid **Boiling Point:** 212F **Evap. Rate:** NA **pH:** 11-12

Vapor Density: ND **Vapor Pressure:** NA **Specific Gravity:** 1.111 **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: Current toxicity data not available.

SECTION 12: ECOLOGICAL INFORMATION

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 Liquids, 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:

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 503-416-5300. 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.