MATERIAL SAFETY DATA SHEET
Complies with ANSI Z400.1 Format

SECTION 1: PRODUCT IDENTIFICATION
Product: RUST REMOVER™
MSDS CODE: CL9730.0700

GENERIC DESCRIPTION  DATE ISSUED  SUPERSEDES  PREPARED BY
Rust Remover               7-1-00          1-15-97                       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/m³ (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
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  %Volatle: 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.