

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

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

DOT CHEMTREC: 800-424-9300

MATERIAL SAFETY DATA SHEET

Complies with ANSI Z400.1 Format

SECTION 1: PRODUCT IDENTIFICATION

Product: **DEFEND™**

MSDS CODE: CL8150.0306

GENERIC DESCRIPTION

DATE ISSUED

SUPERSEDES

PREPARED BY

Antimicrobial Liquid Hand Soap

03-01-06

3-1-01

Regulatory Affairs Department

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

Components*	% by Wt.	CAS #	Exposure Limit
Sodium laureth sulfate	02-05	9004-82-4	Not Established
Sodium lauryl sulfate	02-05	151-21-3	Not Established
Cocamidopropyl betaine	01-02	61789-40-0	Not Established
Triclosan	00-01	3380-34-5	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 or 40 CFR part 372.

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

SECTION 3: HAZARD IDENTIFICATION

Primary Entry Routes: Eyes **Signs & Symptoms of Exposure:** Direct contact of product with eyes may cause slight irritation. Non-irritating to skin under normal use conditions. **INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** Inhalation risks for this product are considered to be minimal. **SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** EYES - Liquid and mists may irritate the eyes. SKIN - No irritation is likely after brief contact but may be irritating after prolonged contact. **SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** Skin absorption risks unknown. **INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** Swallowing large quantities may cause nausea and vomiting. **HEALTH HAZARDS (ACUTE AND CHRONIC) CHRONIC** - No specific information available.

SECTION 4: FIRST AID MEASURES

EYES: Flush immediately with large amounts of water for at least 15 minutes holding eyelids open. Get medical attention. **SKIN:** Immediately wash skin with water. **INGESTION:** If conscious, drink 2 glasses of water. Consult a physician or poison control center immediately. Treat symptomatically. Do not give anything by mouth to an unconscious or convulsing person. **INHALATION:** Remove to fresh air. Give artificial respiration if not breathing. **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:** Normal fire fighting procedures may be used. **Unusual Fire and Explosion Hazards:** No special hazards known. Use water spray to cool nearby containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: For small spills dilute with water, mop or wipe up and contain. For large spills, contain by diking with absorbant material. Keep material out of sewers, storm drains, surface waters, and soil.

SECTION 7: HANDLING AND STORAGE

Keep out of reach of children. Store in a dry, well ventilated place away from incompatible materials. Keep container tightly closed when not in use. Store at temperatures above the solutions freezing point to remain liquid. Do not use pressure to empty container.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory Protection: No special requirements under normal use conditions.

Protective Gloves: No special requirements for normal use conditions.

Eye Protection: No special requirements for normal use conditions. However, it is a good safe practice to wear eye protection when using any chemical product.

Other Protective Measures: Use good personal hygiene practices.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odor: White liquid, semi-viscous, fresh fragrance

Boiling Point: 212F **Evap. Rate:** NA

pH: 6.0-8.5

Vapor Density: ND

Vapor Pressure: NA

Specific Gravity: 1.02

Solubility in Water: Complete

%Volatile: 100

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable **Conditions to Avoid:** None known to COASTWIDE **Incompatibility:** None known to COASTWIDE

Hazardous Decomposition Products: May liberate carbon monoxide, carbon dioxide and oxides of sulfur.

Hazardous Polymerization: Will not occur. **Conditions to Avoid:** None known to COASTWIDE.

SECTION 11: TOXICOLOGICAL INFORMATION

No toxicology data currently available. Based upon the toxicology data for each ingredient this product is non-toxic.

SECTION 12: ECOLOGICAL INFORMATION

No ecological data currently available.

SECTION 13: DISPOSAL CONSIDERATIONS

Comply with all applicable governmental regulations on spill reporting, handling and disposal of waste. Dispose of contaminated product and materials used in clean up in a manner approved for this material and the contaminant. Consult appropriate Federal, State and Local regulatory agencies to ascertain proper disposal procedures and comply with them. Empty containers usually still hold residues of material and vapors. These must be considered hazardous and disposed of in accordance with proper handling procedures prescribed for hazardous chemicals. When mixing with water, always add this product to water and stir.

SECTION 14: TRANSPORT INFORMATION

DOT EMERGENCY 24-HR: (800) 424-9300 **DOT Class:** Not Regulated

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, mutagens and teratogens 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.