

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	2	2
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: **HEPASTAT 256TM**

MSDS CODE: CL4250.0701

<u>GENERIC DESCRIPTION</u>	<u>DATE ISSUED</u>	<u>SUPERSEDES</u>	<u>PREPARED BY</u>
Disinfectant Cleaner	7-1-01	None	Roger McFadden, Chemist

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

<u>Components*</u>	<u>% by Wt.</u>	<u>CAS #</u>	<u>Exposure Limit</u>
Quaternary Ammonium Salts	10-20	NA	None
Nonionic Surfactant	04-08	9016-45-9	None
Ethanol	01-03	64-17-5	1000 ppm OSHA PEL/STEL
Sodium Metasilicate	01-02	497-19-8	None
Sodium EDTA	04-08	64-02-8	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: Sections 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, inhalation and ingestion. **Signs & Symptoms of Exposure:** Direct contact of product with eyes or skin may cause burns. Prolonged or repeated contact of product with skin may cause burns. May be harmful if swallowed. Prolonged inhalation of vapor or mist may cause respiratory discomfort.
Effects of Overexposure: Causes eye and skin burns. Harmful if swallowed.

SECTION 4: FIRST AID MEASURES

Emergency First Aid Procedures: Wash skin with plenty of water. If irritation persists, seek medical aid. If eye contact occurs, flush eyes with water for 15-20 minutes, then get prompt medical aid. If product is swallowed, drink large amounts of water or milk and seek medical aid. **24-HR MEDICAL 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: Container may melt and leak in heat of fire. Liquid run-off to sewers may create fire and explosion hazard.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Release or Spill: Before attempting clean-up, refer to Hazard Data above. Remove ignition sources. Contain spill. Use mop, absorbent, or wet vacuum to collect material for proper disposal. Rinse area with water.

SECTION 7: HANDLING AND STORAGE

Store in a cool, dry place with adequate ventilation. Keep out of reach of children.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory Protection: No special requirements under normal use conditions. Maintain adequate ventilation.
Protective Gloves: For undiluted product and where contact is possible, wear rubber or other impervious gloves.
Eye Protection: For undiluted product and where contact is possible, wear chemical workers splash-proof goggles and/or face shield. **Other Protective Measures:** Use good personal hygiene practices. Launder contaminated clothing/equipment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odor: Yellow-Green, clear liquid, mild fragrance **Boiling Point:** 212F **Evap. Rate:** NA **pH (0.5%):** 8.5-9.5
Vapor Density: ND **Vapor Pressure:** NA **Specific Gravity:** 1.04 **Solubility in Water:** Complete **%Volatile:** ND

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable **Conditions to Avoid:** None known to Coastwide Laboratories **Incompatibility:** Acids, other detergents and chlorine.
Hazardous Decomposition Products: Thermal decomposition may yield hydrogen chloride and oxides of carbon.
Hazardous Polymerization: Will not occur. **Conditions to Avoid:** None known to Coastwide Laboratories.

SECTION 11: TOXICOLOGICAL INFORMATION

Oral Toxicity: LD₅₀ in rats is 5000 mg/kg of body weight.

SECTION 12: ECOLOGICAL INFORMATION

After this product is used as a disinfectant, it will biodegrade in sewage systems and/or the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Information: PESTICIDAL WASTE - Observe all applicable Federal/State regulations and local ordinances regarding disposal of pesticide wastes. Waste from normal product use may be sewered to a POTW. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticides is a violation of Federal Law. **DISPOSAL AND/OR SPILL INFORMATION:** Do not allow to soak into the ground or to enter a storm drain.

SECTION 14: TRANSPORT INFORMATION

DOT EMERGENCY 24-HR: 800-424-9300 **DOT Class:** Limited quantity exemption in cases of gallons.

SECTION 15: REGULATORY INFORMATION

SARA Title III Section 313 and 40 CFR Part 372 Notification: Ingredients in this product are not currently subject. 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

Keep out of reach of children. Do not get in eyes, on skin or clothing. Harmful if swallowed. Avoid contamination of food. Avoid inhalation of spray mist. Always follow label directions carefully when using this or any chemical product. Keep MSDSs filed and organized in an area accessible to workers according to the Hazard Communication Standards. If information about this product is required, please contact COASTWIDE Laboratories at 503-416-5300.

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.