

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

1

0

0

None

NFPA

1

0

0

None

DOT CHEMTREC: 800-424-9300

MATERIAL SAFETY DATA SHEET

Complies with ANSI Z400.1 Format

SECTION 1: PRODUCT IDENTIFICATIONProduct: **HP Citrus™**

MSDS CODE: CL3350.0301

GENERIC DESCRIPTIONEnvironmentally Responsible Product
Hydrogen Peroxide/Waterbased Cleaner**DATE ISSUED**

3-1-01

SUPERSEDES

New

PREPARED BY

Roger McFadden, Chemist

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

Components*	% by Wt.	CAS #	Exposure Limit
Alkyl polyglycoside surfactant	10-20	110615-47-9	TLV not established
Hydrogen Peroxide	3-7	7722-84-1	OSHA STEL & ACGIH TLV-TWA 1ppm
Orange Oil	1-2	Mixture	TLV not established

Contains no dyes or artificial fragrances

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:** Ingestion, Skin and Eyes **Signs & Symptoms of Exposure:** Direct contact of product with eyes or skin may cause minor irritation. If taken internally, product may cause slight upset stomach. **Effects of****Overexposure:** Dry Skin**SECTION 4: FIRST AID MEASURES****Emergency First Aid Procedures:** Ingestion: Drink several glasses of water and consult physician. Skin: If irritation occurs, rinse thoroughly with water for at least 5 minutes. If irritation persists, seek medical aid. If eye contact occurs, flush eyes with water for 15-20 minutes, then get prompt medical aid.**24-HR MEDICAL EMERGENCY PHONE: 800-808-4691****SECTION 5: FIRE FIGHTING MEASURES****Flash Point:** >250°F **Flammable Limits:** ND **Extinguishing Media:** Foam, CO₂, Dry Chemical.**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****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 under normal use conditions. Maintain adequate ventilation.**Protective Gloves:** No special requirements for normal use conditions. Rubber gloves recommended for skin that is sensitive.**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. Launder contaminated clothing/equipment before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odor: Straw Colored, Natural Orange Scent, Liquid **Boiling Point:** 212F **Evap. Rate:** NA **pH:** 6.2
Vapor Density: ND **Vapor Pressure:** NA **Specific Gravity:** 1.00 **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: None known to COASTWIDE.
Hazardous Polymerization: Will not occur. **Conditions to Avoid:** None known to COASTWIDE.

SECTION 11: TOXICOLOGICAL INFORMATION

Oral Toxicity: Based upon information provided by Henkel Corporation for the alkyl polyglycoside surfactant this product exhibits acute oral LD50 values greater than >5g/kg for rats and acute dermal LD50 values greater than >2g/Kg for rabbits. This product is non-toxic based upon current information available to COASTWIDE. 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

Modified OECD screening tests indicate that alkyl polyglycoside surfactants exceed the 70% dissolved oxygen content requirement for classification as readily biodegradable. After this product's use, it will biodegrade in sewage systems and/or the environment. Contains no phosphates. 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 4% of the weight of the product.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Information: **Waste Disposal Information:** No special method. Observe all applicable Federal, State and Local regulations, rules and/or ordinances regarding disposal of non-hazardous materials. This product is not considered a hazardous waste in Oregon or Washington as defined in WAC 173-303-070 or as characterized in WAC 173-303-090. 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:** 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 503-416-5300. 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.