

**GEORGIA-PACIFIC
PACIFIC GARDEN™ ANTIBACTERIAL LIQUID HAND SOAP
MATERIAL SAFETY DATA SHEET**

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MATERIAL SAFETY DATA SHEET

Effective Date: 6/30/99
Supersedes Date: NEW

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Pacific Garden™ Antibacterial Liquid Hand Soap
(See attached list of products covered by this MSDS.)

(GEP) FOH 901#2
FOH 901#4
FOH 901#5

PRODUCT USE: Liquid antibacterial hand soap

MANUFACTURER/DISTRIBUTOR: Georgia-Pacific Corporation
133 Peachtree Street, N.E.
Atlanta, GA 30303

EMERGENCY TELEPHONE NO.: (800) 424-9300 Chemtrec

SECTION 2. COMPOSITION INFORMATION ON INGREDIENTS

COMPONENT	% BY WEIGHT	CAS NO.	OSHA PEL	ACGIH TLV
Ammonium Chloride	0.30%	12125-02-9	10 mg/m ³	10 mg/m ³

SECTION 3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

INHALATION: Not likely to occur under normal conditions of use. May produce irritation if left in prolonged contact with respiratory tract.

EYE CONTACT: May produce moderate to severe irritation and discomfort if left in prolonged contact with eyes.

SKIN CONTACT: Irritation is not likely under normal conditions of use. Excessive exposure due to prolonged contact may result in mild dermatitis.

INGESTION: Not applicable under normal conditions of use. May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

STORAGE: Store indoors, free from excessive temperatures. Do not mix with incompatible substances.



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SECTION 4. FIRST AID MEASURES

INHALATION: Remove to fresh air. Rest in half upright position. Other measures are usually unnecessary. Seek medical attention if necessary.

EYE CONTACT: Rinse immediately with water. Remove contact lenses. Flush eyes, including under eyelids, with large amounts of water for at least 15 minutes. If irritation persists, get medical attention.

SKIN CONTACT: Wash skin with large amounts of flowing water until product is entirely removed from skin. Seek medical attention if irritation persists.

INGESTION: Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT: >151°F (Pensky-Marten Closed Cup Method)

EXTINGUISHING MEDIA: Water, CO₂, dry chemical or foam

SPECIAL FIREFIGHTING PROCEDURES: None

SECTION 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain spill. Pump liquid into drum. Absorb excess with absorbent material. Rinse residual into acceptable sewer line.

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations. Incinerate in approved equipment or flush to sewer, if permitted. (Product has bactericidal activity.) Absorbed material may be disposed of in a suitable, approved landfill.

SECTION 7. HANDLING AND STORAGE

HANDLING: If dealing with large quantities wear protective gloves and safety glasses.

STORAGE: Store indoors, free from excessive temperatures. Do not freeze. Avoid contact with incompatible substances.

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: No special requirements under normal conditions of use. Use with adequate ventilation.

EYE PROTECTION: No special requirements under normal conditions of use. Wear safety glasses where splashing of product may occur.

SKIN PROTECTION: No special requirements under normal conditions of use. Wear rubber gloves if prolonged contact is expected.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: No special requirements under normal conditions of use. Protective clothing should be worn where prolonged skin contact may occur.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear; colored; fragranced
PHYSICAL STATE: Liquid
MELTING POINT: <32°F
VAPOR PRESSURE (mm Hg): Not Available
EVAPORATION RATE (BUTYL ACETATE=1): Not Available
pH: 5.5-6.5
BOILING POINT: >212°F
SOLUBILITY IN WATER: Soluble and miscible
SPECIFIC GRAVITY (WATER=1): 0.99 - 1.10

SECTION 10. STABILITY AND REACTIVITY

STABILITY: UNSTABLE STABLE

CONDITIONS TO AVOID: Do not allow to freeze. Avoid contact with excessive heat and incompatible substances.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, alkalies, active metals, acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition of product due to excessive heating may cause release of oxides of carbon, sulfur or nitrogen; hydrogen chloride; acrolein.

HAZARDOUS POLYMERIZATION: WILL OCCUR WILL NOT OCCUR

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SECTION 11. DISPOSAL CONSIDERATIONS

This product is not considered hazardous waste under Federal Hazardous Waste Regulations 40 CFR 261. Please be advised, however, state and local requirements for waste disposal may be different from federal regulations.

Incinerate in approved equipment or flush to sewer, if permitted. (Product has bactericidal activity.) Absorbed material may be landfilled in accordance with local, state and federal regulations.

SECTION 12. TRANSPORT INFORMATION

This product is not a DOT hazardous material. No special labeling is required.

SECTION 13. REGULATORY INFORMATION

FDA: Follows the requirements set forth in the FDA OTC Tentative Final Monograph for Topical Antimicrobial Drug Products.

TSCA: This product complies with TSCA inventory requirements.

CALIFORNIA: Proposition 65 provides for labeling and disclosure of the presence of chemical(s) known to the State to cause cancer or reproductive toxicity if ordinary use of this product will result in exposures above a no significant risk level. This product contains no components that are above the no significant risk level.

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SECTION 14. OTHER INFORMATION

LABEL TEXT:

Pacific Garden™ Antibacterial Liquid Hand Soap
Active Ingredient: Triclosan
Other Ingredients: Water, Ammonium Lauryl Sulfate,
Sodium Laureth Sulfate, Cocamidopropyl Betaine,
Cocamide MEA, PEG-150 Distearate Blend, Glycerin,
Disodium Ricinoleamido MEA Sulfosuccinate,
Isostearamidopropyl Morpholine Lactate, Fragrance,
Ammonium Chloride, DMDM Hydantoin, Tetrasodium EDTA,
Botanical Extracts, Colorants, Citric Acid

HMIS RATING: Health - 1 Flammability - 1 Reactivity - 0

PRODUCT LIST – PACIFIC GARDEN™ ANTIBACTERIAL LIQUID HAND SOAPS:

Calming Sandalwood
Energizing Citrus
Soothing Lavender
Uplifting Jasmine

IMPORTANT: The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risks of use, storage and handling of the product in compliance with applicable federal, state and local laws and regulations. GEORGIA-PACIFIC MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, CONCERNING THE ACCURACY OR COMPLETENESS OF THE INFORMATION AND DATA HEREIN. THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE SPECIFICALLY EXCLUDED. Georgia-Pacific will not be liable for claims relating to any party's use of or reliance on information and data herein regardless of whether it is claimed that the information and data are inaccurate, incomplete or otherwise misleading.