



MATERIAL SAFETY DATA SHEET

GEORGIA-PACIFIC
CORMATIC®/ULTIMA® SOAPS
MATERIAL SAFETY DATA SHEET 200
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Effective Date: 11/06/00
Supercedes Date: 06/06/96

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Cormatic®/Ultima® Soaps (See attached list of products covered by this MSDS.)

PRODUCT USE: Liquid 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	0.77%	12125-02-9	10 mg/m ³	10 mg/m ³
<i>Food Processing Hand Wash, High Capacity™ E-2 and Mighti-Scrub®:</i>				
Isopropanol	<4%	67-63-0	980 mg/m ³	980 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.

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.

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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: Mighti-Scrub: 7°C (Pensky-Marten Closed Cup Method)

EXTINGUISHING MEDIA: Water, CO₂, dry chemical or foam

SPECIAL FIREFIGHTING PROCEDURES: A fine water mist may be used to smother fire and disperse vapors. Do not use a solid stream of water as the stream will scatter and spread the fire.

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.

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.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:

Antiseptic:	Opaque white liquid, baby powder odor
Food Processing:	Clear fluorescent green liquid, medicinal odor
Frosti-Lemon™:	Clear yellow liquid, lemon odor
Head and Body:	Clear blue liquid, jasmine rose odor
High Capacity™ E-2:	Clear fluorescent green liquid, medicinal odor
Mighti-Scrub®:	Clear brown liquid, floral odor
Pink-Pearl™:	Viscous opaque pink liquid, floral odor

PHYSICAL STATE: Liquid

MELTING POINT: Not Available

VAPOR PRESSURE (mm Hg): 17 - 23 mm Hg at 25°C

pH:

Antiseptic:	6.5 - 7.0
Food Processing:	6.5 - 7.5
Frosti-Lemon™:	6.6 - 7.0
Head and Body:	6.5 - 7.0
High Capacity™ E-2:	6.5 - 7.5
Mighti-Scrub®:	7.3 - 8.1
Pink-Pearl™:	6.6 - 7.0

BOILING POINT:

Antiseptic:	86°C
Food Processing:	91°C
Frosti-Lemon™:	96°C
Head and Body:	96°C
High Capacity™ E-2:	91°C
Mighti-Scrub®:	95°C
Pink-Pearl™:	95°C

PERCENT VOLATILE (BY WEIGHT):

Antiseptic:	79%
Food Processing:	83.5%
Frosti-Lemon™:	85%
Head and Body:	76%
High Capacity™ E-2:	83.5%
Mighti-Scrub®:	47%
Pink-Pearl™:	84%

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SOLUBILITY IN WATER: Soluble and miscible

SPECIFIC GRAVITY (WATER=1): 0.932 - 1.05

SECTION 10. STABILITY AND REACTIVITY

STABILITY: UNSTABLE _____ STABLE X_____

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. Isopropanol is incompatible with acetaldehyde, chlorine, ethylene, hypochlorous acid, isocyanates, oleum, perchloric acid, and strong oxidizing agents. Do not use with hypochlorite bleach because skin sensitizing sulfones may form.

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 X_____

SECTION 11. TOXICOLOGICAL INFORMATION

ORAL: All seven products covered by this MSDS were tested under the Federal Hazardous Substances Act, CFR Title 16, Chapter 11, Part 1500.3, a 14 day determination from a single dose administration with male and female Sprague-Dawley rats and in all cases, the soap products were found to be non-toxic orally at 5g/kg.

DERMAL: May cause mild irritation with prolonged contact.

OTHER PERTINENT DATA:

Food Processing: When tested for allergic contact dermatitis in guinea pigs, results are negative.

Antiseptic Hand Soap: When tested for allergic contact dermatitis in guinea pigs, results are negative.

SECTION 12. 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 13. TRANSPORT INFORMATION

DOT: Mighti-Scrub® only.

PROPER SHIPPING NAME: Consumer Commodity

HAZARD CLASS: ORM-D

LABEL REQUIRED: Yes, on bulk packages: Consumer Commodity ORM-D

SECTION 14. REGULATORY INFORMATION

FDA: All soaps are manufactured in FDA inspected facilities according to 21 CFR, Part 211, Current Good Manufacturing Procedures for Finished Pharmaceuticals.

USDA: Antiseptic Hand Soap, USDA E-1 Rated
Food Processing Hand Wash, USDA E-2 Rated
Frosti-Lemon™ General Purpose Liquid, USDA E-4 Rated
Head and Body Shower Formulated Shampoo, USDA E-4 Rated
Pink-Pearl™ Lotion Hand Soap, USDA E-4 Rated

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.

SECTION 15. OTHER INFORMATION

LABEL TEXT:

Cormatic® Soap/Ultima® Soap
Liquid Soap
Georgia-Pacific
Atlanta, Georgia 30303

HMIS RATING: Health - 0 Flammability - 1 Reactivity - 0 for all soaps except Mighti-Scrub®
 Health - 0 Flammability - 3 Reactivity - 0 for Mighti-Scrub®

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MSDS REVISION SUMMARY:

Section 2, Components have been revised. Section 9, pH values have been revised.
Please read this information carefully before using the product(s).

PRODUCT LIST - CORMATIC®/ULTIMA® SOAPS:

- Antiseptic Hand Soap
- Food Processing Hand Wash
- Frosti-Lemon™ General Purpose Liquid
- Head and Body Shower Formulated Shampoo
- High Capacity™ E-2 Food Processing Hand Wash
- Might-Scrub® Heavy Duty Soap
- Pink-Pearl™ Lotion Hand Soap

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.