

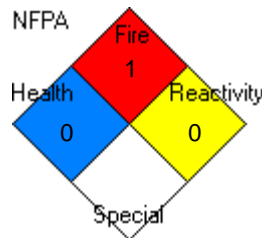
MSDS - Material Safety Data Sheet

Product Name: *Cormatic Head and Body Soap*

MSDS No.: 77

I. Basic Information:

Manufacturer: Georgia Pacific
Address: 233 Peachtree Street NE, Harris Tower - Suite 1800
City, ST Zip: Atlanta, GA 30303



Last Update: 6/ 6/96

Chemical State: Liquid Gas Solid

Chemical Type: Pure Mixture

0	Health
1	Flammability
0	Reactivity
	Pers. Protection

II. Ingredients:

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SARA SUB Z 313	OSHA PEL	ACGIH TLV	Other Limits
12125029	Ammonium chloride								
56815	Glycerin								
67630	Isopropanol								

III. Hazardous Identification:

Hazard Category: Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:

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 dornatitis.

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

IV. First Aid Measures:

Route(s) of Entry:
Eyes, skin and ingestion

Health Hazards (Acute and Chronic):
Chronic May Cause mild irritation with prolonged contact.

Signs and Symptoms:
Look in Health Hazards

Medical Conditions Generally Aggravated by Exposure:
Skin Conditions

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Emergency and First Aid Procedures:

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.

Other Health Warnings:

V. Fire Fighting Measures:

Flash Point: 7 F

Lower Explosive Limit: NA

Upper Explosive Limit: NA

Fire Extinguishing Media: Water, Carbon Dioxide, dry chemical or foam

Special Fire Fighting 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.

Unusual Fire and Explosion:

None Known

VI. 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.

VII. Handling and Storage:

Precautions to be Taken:

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.

Other Precautions:

None Known

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Use with adequate ventilation.

Personal Protective Equipment:

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

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IX. Physical and Chemical Properties:

Boiling Point: 95 F **Melting Point:** NA **Evaporation Rate:** .25
Vapor Pressure (mm Hg.): 17-23 mm **Vapor Density (AIR = 1):** NA
Solubility In Water: Soluble and Miscible
Appearance and Odor: Clear green liquid, spicy odor
Other Information: pH 6.5 - 7.0

X. Stability and Reactivity:

Stability:
Stable

Incompatibility (Materials to Avoid):

Strong oxidizers, alkalis, active metals, acids. Isopropanol is incompatible with acetaldehyde, chlorine, ethylene, hypochlorous acids, isocyanates, oleum, perchloric acid, and strong oxidizing agents. Do not use with hypochlorite bleach because skin sensitizing sulfones may foam.

Decomposition/By 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 not occur

XI. Toxicological Information:

Oral: 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.

Head & Body: May generate traces of formaldehyde in aqueous solution, but not in sufficient concentrations to generate and appreciable health risks.

XII. Ecological Information:

NONE KNOWN

XIII. Disposal Considerations:

NONE KNOWN

XIV. Transport Information:

Hazard Class: ORM-D

Label Required: Yes, on bulk packages : Consumer Commodity ORM-D

Head and Body Shower Formulated Shampoo, USDA E-4 Rated

XV. Regulatory Information:

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FDA: Not Applicable

USDA: USDA E-4 rated

TSCA: This product complies with TSCA inventory requirements.

California: Proposition 65 provides for labeling and disclosures of the presence of chemicals

known to the State to cause cancer or reproductive toxicity if ordinary use of the product will result in exposures above a no significant risk level. This product contains no components that are above the no significant risk level.

XVI. Other Information:

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 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.

This is a new ANSI format with new information in many sections. Read this information carefully before using the product.

EMERGENCY TELEPHONE NO. 419-524-5112

Distributed by-G & L Supply 139 N. Diamond St. Mansfield, Oh 44901

The Janton Company 1288 N. High St. Columbus, Oh 43201