

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Food Processing Hand Cleaner
Product Number: (See product list found in Section 16)
Product Use: Lotion/Cleanser.
Manufacturer/Supplier: Georgia-Pacific Consumer Products LLC
133 Peachtree Street, N.E., Atlanta, GA 30303
Phone Number: (866) 435-5647 (Technical Information)
(404) 652-5119 (MSDS Request)
Emergency Phone: CHEMTREC (800) 424-9300
Date of Preparation: October 16, 2007

Section 2: HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW****CAUTION**

Contact with product may cause irritation to eyes and skin. For external use only. Keep out of children's reach.

Likely Routes of Exposure: Eye contact, skin contact.

Potential Health Effects:

- Eye:** May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production.
- Skin:** Not expected to be a primary skin irritant. Prolonged and/or repeated skin contact with this product may cause irritation.
- Ingestion:** Not applicable under normal conditions of use. May result in temporary irritation of the digestive tract.
- Inhalation:** Not applicable under normal conditions of use.

Medical Conditions Aggravated By Exposure: Because of its irritating properties, product may aggravate pre-existing eye, and skin conditions.

Target Organs: Eyes and skin.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS #	Wt. %
Water	7732-18-5	40 - 70
Sodium lauryl sulfate	151-21-3	5 - 10
Sodium sulfate	7757-82-6	1 - 5
Isopropyl alcohol	67-63-0	1 - 5
Propylene glycol	57-55-6	1 - 5
Formaldehyde	50-00-0	0.1 - 1.0

Section 4: FIRST AID MEASURES

- Eye Contact:** In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.
- Skin Contact:** If irritation occurs, flush skin with plenty of water. Get medical attention if irritation persists.
- Inhalation:** Not a normal route of exposure.
- Ingestion:** If swallowed, seek medical attention or call poison control.

Section 5: FIRE FIGHTING MEASURES

Flammability: Not flammable by OSHA/WHMIS criteria.

Means of Extinction:

Suitable Extinguishing Media: Powder, water spray, foam, carbon dioxide.

Unsuitable Extinguishing Media: Not available.

Products of Combustion: Small amounts of nitrogen oxides, carbon monoxide, carbon dioxide and hydrocarbons may be released.

Explosion Data:

Sensitivity to Mechanical Impact: Not applicable.

Sensitivity to Static Discharge: Not applicable.

Protection of Firefighters: If evaporated to dryness, solid residue poses a moderate fire hazard. Firefighters should wear full protective clothing including self contained breathing apparatus.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary personnel.

Environmental Precautions: If large quantities enter a waterway, advise local authorities.

Methods for Containment: Contain and/or absorb spill, then place in a suitable container.

Methods for Clean-Up: Soak into absorbent material. Spills of this material are a slipping hazard. Thoroughly wash the area with water after a spill or leak.

Section 7: HANDLING AND STORAGE

Handling:

Avoid contact with eyes. For external use only. Wear gloves and safety glasses or goggles if handling large quantities.

Storage:

Keep out of the reach of children. Keep container tightly closed. Keep from freezing.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION
Exposure Guidelines

Ingredient	CAS #	Exposure Limits	
		OSHA-PEL	ACGIH-TLV
Water	7732-18-5	Not available.	Not available.
Sodium lauryl sulfate	151-21-3	Not available.	Not available.
Sodium sulfate	7757-82-6	Not available.	Not available.
Isopropyl alcohol	67-63-0	400 ppm	200 ppm
Propylene glycol	57-55-6	Not available.	Not available.
Formaldehyde	50-00-0	0.75 ppm	0.3 ppm

Engineering Controls: Ventilation is not normally required.

Personal Protective Equipment:

Eye/Face Protection: None necessary under normal conditions of use. Wear safety glasses or goggles if handling large quantities.

Skin Protection: None necessary under normal conditions of use. Wear gloves if handling large quantities.

Respiratory Protection: Not normally needed.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	Clear.
Color:	Green.
Odor:	Medicinal.
Odor Threshold:	Not available.
Physical State:	Liquid.
pH:	6.5-7.5
Viscosity:	Not available.
Freezing Point:	Not available.
Boiling Point:	~ 91 °C (~ 195.8 °F)
Flash Point:	Not available.
Evaporation Rate:	Not available.
Lower Flammability Limit:	Not available.
Upper Flammability Limit:	Not available.
Vapor Pressure:	Not available.
Vapor Density:	Not available.
Specific Gravity:	1
Solubility in Water:	Soluble and miscible.
Coefficient of Water/Oil Distribution:	Not available.
Auto-ignition Temperature:	Not available.
Percent Volatile, wt. %:	83.5
VOC content, wt. %:	Not available.

Section 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions.

Conditions of Reactivity: Incompatible materials.

Incompatible Materials: Oxidizers. Acids. Contact with active metals.

Hazardous Decomposition Products: Small amounts of nitrogen oxides, carbon monoxide, carbon dioxide and hydrocarbons may be released.

Section 11: TOXICOLOGY INFORMATION

EFFECTS OF ACUTE EXPOSURE

This product may cause eye irritation.

This product was tested under the Federal Hazardous Substances Act CFR Title 16 Chapter 11 Part 1500.3, a 14-day determination from single-dose administration with male and female Sprague-Dawley rats. The soap product was found to be non-toxic orally at 5g/kg.

This product did not produce an allergic contact dermatitis in guinea pigs.

Component Analysis

Ingredient	LD ₅₀ (oral)	LC ₅₀
Water	Not available.	Not available.
Sodium lauryl sulfate	1288 mg/kg, rat	> 3900 mg/m ³ 1hr, rat
Sodium sulfate	10000 mg/kg, rat	Not available.
Isopropyl alcohol	4396 mg/kg, rat	16970 ppm 4 hrs, rat
	20000 mg/kg, rat	
Propylene glycol	20800 mg/kg, dermal, rabbit	Not available.
Formaldehyde	100 mg/kg, rat	203 mg/m ³ , rat

EFFECTS OF CHRONIC EXPOSURE

Contact with this product may cause skin irritation.

Target Organs: Not available.

Chronic Effects: The International Agency for Research on Cancer (IARC) classifies formaldehyde as a carcinogen. This classification is based on the increased occurrence of a rare cancer of the nasopharyngeal cavity. IARC determined that there was insufficient evidence of other cancers including cancer of the oral cavity, oro - and hypopharynx, larynx, lung, sinonasal cavity, pancreas, brain and leukemia. The National Toxicology Program (NTP) includes formaldehyde in its Annual Report on Carcinogens. Exposure to formaldehyde under normal conditions of use is unlikely because this is product is not heated and free formaldehyde is not released into the air.

Carcinogenicity: Not hazardous under normal conditions of use.

Ingredient	Chemical Listed as Carcinogen or Potential Carcinogen
Formaldehyde	OSHA - Listed ACGIH - A2 - Suspected human carcinogen; IARC - 1 - The agent is carcinogenic to humans; NTP - 2 - Reasonably anticipated to be carcinogens

Mutagenicity; Reproductive Effects; Teratogenicity; Embryotoxicity; Respiratory Sensitization; Skin Sensitization: Not hazardous by OSHA/WHMIS criteria.

Toxicologically Synergistic Materials: Not available.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: No ecological consideration when used according to directions. Normal dilution of this product to drains, sewers, septic systems and treatment plants is not considered environmentally harmful.

Sodium lauryl sulfate (151-21-3)

Test & Species	Conditions
96 Hr LC ₅₀ fathead minnow (fry)	10.2 mg/L
96 Hr LC ₅₀ fathead minnow (juvenile)	17 mg/L
96 Hr LC ₅₀ fathead minnow (adult)	22.5 mg/L
96 Hr LC ₅₀ rainbow trout	4.6 mg/L static

5 min EC ₅₀ Photobacterium phosphoreum	3.5 mg/L
15 min EC ₅₀ Photobacterium phosphoreum	1.6 mg/L
30 min EC ₅₀ Photobacterium phosphoreum	1.2 mg/L
48 Hr EC ₅₀ water flea	6.2 mg/L

Sodium sulfate (7757-82-6)
Test & Species

30 min EC ₅₀ Photobacterium phosphoreum	710 mg/L	Conditions
48 Hr EC ₅₀ water flea	>10000 mg/L	

Isopropyl alcohol (67-63-0)
Test & Species

96 Hr LC ₅₀ fathead minnow (29 days old)	94900 mg/L	flow-through
96 Hr LC ₅₀ fathead minnow (31 days old)	61200 mg/L	flow-through
5 min EC ₅₀ Photobacterium phosphoreum	35390 mg/L	

Propylene glycol (57-55-6)
Test & Species

24 Hr LC ₅₀ goldfish	> 5000 mg/L
48 Hr LC ₅₀ guppy	> 10000 mg/L
30 min EC ₅₀ Photobacterium phosphoreum	710 mg/L
48 Hr EC ₅₀ water flea	> 10000 mg/L

Formaldehyde (50-00-0)
Test & Species

96 Hr LC ₅₀ fathead minnow	24.1 mg/L	flow-through
96 Hr LC ₅₀ bluegill	0.10 mg/L	flow-through
5 min EC ₅₀ Photobacterium phosphoreum	9.0 mg/L	
15 min EC ₅₀ Photobacterium phosphoreum	7.26 mg/L	
25 min EC ₅₀ Photobacterium phosphoreum	6.81 mg/L	
96 Hr EC ₅₀ water flea	20 mg/L	

Section 13: DISPOSAL CONSIDERATIONS
Disposal Instructions:

This product, if discarded as supplied, is not considered a hazardous waste under Federal Waste Regulations 40 CFR 261. If processing, use, or contamination alters the material, the waste must be tested using methods described in 40 CFR 261 to determine if it meets applicable definition of hazardous waste.

Section 14: TRANSPORTATION INFORMATION
DOT Classification

Not regulated

TDG Classification

Not regulated

Section 15: REGULATORY INFORMATION
Federal Regulations

Canadian: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. This product is regulated under Canada's Food & Drug Act.

US: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200). This product is regulated under the US Federal Food, Drug, and Cosmetic Act.

USDA: Cormatic® Yellow-Green Food Processing Hand Wash
Handi-Fresh™ Food Processing Hand Wash

USDA E-2 Rated
USDA E-2 Rated

HMIS - Hazardous Materials Identification System

Health - 0 Flammability - 1 Physical Hazard - 0

NFPA - National Fire Protection Association:

Health - 0 Fire - 1 Reactivity - 0

Hazard Rating: 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

Section 16: OTHER INFORMATION

Product List:

Cormatic® Yellow-Green Food Processing Hand Wash (formerly Cormatic®/Ultima® Food Processing Hand Wash)	S8701, S8310
Handi-Fresh™ Food Processing Hand Wash	48120

Disclaimer:

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 risk of use, storage and handling of the product in compliance with applicable federal, state and local laws and regulations. Georgia-Pacific and its subsidiaries make no warranty of any kind, expressed 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 and its subsidiaries will not be liable for claims that the information and data are inaccurate, incomplete or otherwise misleading.

Supersedes: 6/22/2006

Prepared by: Georgia-Pacific LLC
(404) 652-5119 (MSDS Request)