

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Carex® Antimicrobial Cleanser
Product Number: (See product list found in Section 16)
Product Use: Antimicrobial hand soap.
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: August 31, 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: Skin contact and eye 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 in sensitive individuals.
- Ingestion:** Not applicable under normal conditions of use. May cause gastrointestinal irritation if ingested.
- Inhalation:** Not applicable under normal conditions of use.

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

Target Organs: Skin and eyes.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS #	Wt. %
Water	7732-18-5	60 - 100
Sodium Lauryl Ether Sulfate	9004-82-4	3 - 7
Alcohols, C12-15, ethoxylated	68131-39-5	1 - 5
Ethanol	64-17-5	1 - 5
Propylene glycol	57-55-6	1 - 5
Glycerol	56-81-5	1 - 5

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. Call a physician 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: Treat for surrounding material.

Unsuitable Extinguishing Media: Not available.

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

Explosion Data:

Sensitivity to Mechanical Impact: Not applicable.

Sensitivity to Static Discharge: Not applicable.

Protection of Firefighters: 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 area and deny entry to unnecessary personnel. Spills of this material are a slipping hazard.

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. Do not swallow. Wear gloves and safety glasses or goggles if handling large quantities. For external use only. Keep out of the reach of children.

Storage:

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

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 Ether Sulfate	9004-82-4	Not available.	Not available.
Alcohols, C12-15, ethoxylated	68131-39-5	Not available.	Not available.
Ethanol	64-17-5	1000 ppm	1000 ppm
Propylene glycol	57-55-6	Not available.	Not available.
Glycerol	56-81-5	15 mg/m3	10 mg/m3

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

Appearance:	Viscous.
Color:	Gold.
Odor:	Low odor.
Odor Threshold:	Not available.
Physical State:	Liquid.
pH:	5.5
Viscosity:	Not available.
Freezing Point:	Not available.
Boiling Point:	~ 100 °C (~ 212 °F)
Flash Point:	Not applicable.
Evaporation Rate:	Not available.
Lower Flammability Limit:	Not applicable.
Upper Flammability Limit:	Not applicable.
Vapor Pressure:	Not available.
Vapor Density:	Not available.
Specific Gravity:	1.01
Solubility in Water:	Complete.
Coefficient of Water/Oil Distribution:	Not available.
Auto-ignition Temperature:	Not available.
Percent Volatile, wt. %:	Not available.
VOC content, wt. %:	Not available.

Section 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions.

Conditions of Reactivity: Heat. Incompatible materials.

Incompatible Materials: Oxidizers.

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
Component Analysis

Ingredient	LD ₅₀ (oral)	LC ₅₀
Water	Not available.	Not available.
Sodium Lauryl Ether Sulfate	1600 mg/kg, rat	Not available.
Alcohols, C12-15, ethoxylated	2000 mg/kg, rat	Not available.
Ethanol	1501 mg/kg, rat	124.7 mg/L 4hours
Propylene glycol	20000 mg/kg, rat	Not available.
Glycerol	12600 mg/kg, rat	> 570 mg/m ³ 1hour

EFFECTS OF CHRONIC EXPOSURE

Target Organs: Product may cause eye and skin irritation. Chronic ingestion of ethanol can cause reproductive/developmental and liver disorders. No target organ chronic effects under normal conditions of use.

Chronic Effects: Chronic toxic effects are unlikely under normal conditions of use.

Carcinogenicity: Not hazardous under normal conditions of use.

Ingredient	Chemical Listed as Carcinogen or Potential Carcinogen
Ethanol	IARC - 1 - The agent is carcinogenic to humans (Alcohol drinking)

Mutagenicity; Reproductive Effects; Teratogenicity; Embryotoxicity; Respiratory Sensitization; Skin Sensitization: Hazardous by OSHA/WHMIS criteria (Mutagen). Not hazardous under normal conditions of use.

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.

Ethanol (64-17-5)
Test & Species

Test & Species	LD ₅₀ (mg/L)	Conditions
96 Hr LC ₅₀ rainbow trout (30 days old)	12900 mg/L	flow-through
24 Hr LC ₅₀ fingerling trout	11200 mg/L	
96 Hr LC ₅₀ fathead minnow	14200 mg/L	flow-through
5 min EC ₅₀ Photobacterium phosphoreum	35470 mg/L	
30 min EC ₅₀ Photobacterium phosphoreum	34634 mg/L	

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

Test & Species	LD ₅₀ (mg/L)	Conditions
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	

Glycerol (56-81-5)

Test & Species

96 Hr LC₅₀ rainbow trout

24 Hr LC₅₀ goldfish

50 mg/L

> 5000 mg/L

Conditions

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.

US: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200).

HMIS - Hazardous Materials Identification System

Health - 0 Flammability - 0 Physical Hazard - 0

NFPA - National Fire Protection Association:

Health - 1 Fire - 0 Reactivity - 0

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

WHMIS Classification(s):

Class D2A - Mutagenicity

Class D2B - Skin/Eye Irritant

WHMIS Hazard Symbols:



Section 16: OTHER INFORMATION**Product List:**

Carex® Antimicrobial Cleanser 48022

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: 7/24/2006**Prepared by:** Georgia-Pacific LLC
(404) 652-5119 (MSDS Request)