

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Handi-Fresh® Alcohol Gel No Rinse Hand Sanitizer
Product Number: (See product list found in Section 16)
Product Use: Hand sanitizer.
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****WARNING**

Flammable. 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.
- Ingestion:** Not applicable under normal conditions of use. May cause depression of central nervous system, nausea or vomiting.
- Inhalation:** May cause respiratory tract irritation.

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

Target Organs: Skin and eyes.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS #	Wt. %
Ethanol	64-17-5	40 - 70
Water	7732-18-5	15 - 40

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. If symptoms develop, remove to fresh air. Get medical attention if condition worsens.
- Ingestion:** If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Seek medical attention or call poison control.

Section 5: FIRE FIGHTING MEASURES

Flammability: 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: 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 and unprotected personnel. Eliminate sources of ignition.

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:

Keep away from sources of ignition. - No smoking. Avoid contact with eyes. Do not swallow. Wear gloves and safety glasses or goggles if handling large quantities. For external use only.

Storage:

Keep out of the reach of children. Keep container tightly closed. Do not store at temperatures above 49°C.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION
Exposure Guidelines

Ingredient	CAS #	Exposure Limits	
		OSHA-PEL	ACGIH-TLV
Ethanol	64-17-5	1000 ppm	1000 ppm
Water	7732-18-5	Not available.	Not available.

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:	Clear.
Color:	Green.
Odor:	Aloe.
Odor Threshold:	Not available.
Physical State:	Liquid.
pH:	7
Viscosity:	Not available.
Freezing Point:	Not available.
Boiling Point:	Not available.
Flash Point:	~ 18 °C (~ 65 °F)
Evaporation Rate:	Not available.
Lower Flammability Limit:	Not available.
Upper Flammability Limit:	Not available.
Vapor Pressure:	Not available.
Vapor Density:	Not available.
Specific Gravity:	0.89
Solubility in Water:	Complete.
Coefficient of Water/Oil Distribution:	Not available.
Auto-ignition Temperature:	Not available.
Percent Volatile, wt. %:	> 62%
VOC content, wt. %:	Not available.

Section 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions. Keep in a cool place.

Conditions of Reactivity: Heat. Sources of ignition. Incompatible materials.

Incompatible Materials: Oxidizers. Acids. Chlorine bleach. Contact with metals.

Hazardous Decomposition Products: Oxides of carbon.

Section 11: TOXICOLOGY INFORMATION
EFFECTS OF ACUTE EXPOSURE
Component Analysis

Ingredient	LD₅₀ (oral)	LC₅₀
Ethanol	1501 mg/kg, rat	124.7 mg/L 4hr, rat
Water	Not available.	Not available.

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)
Water	Not listed.

Mutagenicity; Reproductive Effects; Teratogenicity; Embryotoxicity; Respiratory Sensitization; Skin Sensitization: Hazardous by WHMIS/OSHA 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

		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	

Section 13: DISPOSAL CONSIDERATIONS
Disposal Instructions:

This product, if discarded as supplied, is considered a hazardous waste under RCRA, D001.

Section 14: TRANSPORTATION INFORMATION
DOT Classification:

ORM-D (Ground/Rail Transport)

Flammable liquids n.o.s (Contains ethanol); Class 3; UN1993; PG II (Air Transport)

TDG Classification

Limited Quantity (Ground/Rail Transport)

Flammable liquids n.o.s (Contains ethanol); Class 3; UN1993; PG II (Air Transport)

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.



MATERIAL SAFETY DATA SHEET

ID: GP-400

Handi-Fresh® Alcohol Gel No Rinse Hand Sanitizer

HMIS - Hazardous Materials Identification System

Health - 1 Flammability - 3 Physical Hazard - 0

NFPA - National Fire Protection Association:

Health - 1 Fire - 3 Reactivity - 0

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

Section 16: OTHER INFORMATION

Product List:

Handi-Fresh® Alcohol Gel No Rinse Hand Sanitizer 48114

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)