

SAFETY DATA SHEET

1. Identification

Product identifier	GEORGIA-PACIFIC® GENERAL PURPOSE LOTION SOAP (FORMERLY HANDI-FRESH)		
Product list	GEORGIA-PACIFIC® GENERAL PURPOSE LOTION SOAP (FORMERLY HANDI-FRESH) SKU - 48113		
Other means of identification			
SDS number	404		
Recommended use	Cleanser		
Recommended restrictions	This product is regulated as a cosmetic in the US and is intended for personal care use.		
Manufacturer/Importer/Supplier/Distributor information			
Company name	Manufactured for:		
Address	Georgia-Pacific Consumer Products LP 133 Peachtree Street, NE Atlanta, GA 30303		
Telephone	Technical Information:	866.435.5647	
	MSDS Request:	404.652.5119	
E-mail	MSDSREQ@GAPAC.com		
Emergency phone number	Chemtrec - Emergency:	800.424.9300	

2. Hazard(s) identification

Physical hazards	Not classified.	
Health hazards	Serious eye damage/eye irritation	Category 2A
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 3
OSHA defined hazards	Not classified.	
Label elements		



Signal word	Warning	
Hazard statement	Causes serious eye irritation. Harmful to aquatic life.	
Precautionary statement		
Prevention	Wear eye/face protection, if handling large quantities. Wash thoroughly after handling large quantities.	
Response	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.	
Storage	Store away from strong oxidizers.	
Disposal	Dispose of waste and residues in accordance with local authority requirements.	
Hazard(s) not otherwise classified (HNOC)	None known.	
Supplemental information	None.	

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
SODIUM CHLORIDE		7647-14-5	3 - 7
SODIUM LAURETH SULFATE		9004-82-4	3 - 7

Chemical name	Common name and synonyms	CAS number	%
1-PROPANAMINIUM, 3-AMINO-N-(CARBOXYMETHYL)- N,N-DIMETHYL-, N-COCO ACYL DERIVITIVES, INNER SALTS		61789-40-0	1 - 5
ETHYL ALCOHOL		64-17-5	0.5 - 1.5
GLYCERIN		56-81-5	0.5 - 1.5
1,3-DIHYDROXYMETHYL-5,5-DIM ETHYLHYDANTOIN		6440-58-0	0.1 - 1
ALCOHOLS, C12-15, ETHOXYLATED		68131-39-5	0.1 - 1
Other components below reportable levels			60 - 100

The specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation	Not a normal route of exposure. If symptoms develop, remove to fresh air. Get medical attention if irritation persists.
Skin contact	If irritation occurs, flush skin with plenty of water. Seek medical attention if irritation persists.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Rinse mouth. Do not induce vomiting without advice from poison control center. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media	Powder, water spray, foam, carbon dioxide.
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Firefighters should wear full protective clothing including self contained breathing apparatus.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	This product is not expected to burn unless all water is boiled away. The remaining organic compounds may be ignitable. Use water to cool containers exposed to fire.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Use personal protection recommended in Section 8. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. Spills of this material are a slipping hazard.
Methods and materials for containment and cleaning up	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
Environmental precautions	Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid release to the environment. If large quantities enter a waterway, advise local authorities.

7. Handling and storage

Precautions for safe handling

For external use only. Keep out of the reach of children. Do not get this material in contact with eyes. Wear gloves and safety glasses or goggles if handling large quantities. Avoid prolonged exposure. Provide adequate ventilation. Avoid release to the environment.

Conditions for safe storage, including any incompatibilities

Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
ETHYL ALCOHOL (CAS 64-17-5)	PEL	1900 mg/m ³	
GLYCERIN (CAS 56-81-5)	PEL	1000 ppm	
		5 mg/m ³	Respirable fraction.
		15 mg/m ³	Total dust.

US. ACGIH Threshold Limit Values

Components	Type	Value
ETHYL ALCOHOL (CAS 64-17-5)	STEL	1000 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
ETHYL ALCOHOL (CAS 64-17-5)	TWA	1900 mg/m ³
		1000 ppm

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

General ventilation normally adequate.

Individual protection measures, such as personal protective equipment

Eye/face protection

None necessary under normal conditions of use. Wear safety glasses or goggles if handling large quantities.

Skin protection

Hand protection

None necessary under normal conditions of use.

Other

None necessary under normal conditions of use.

Respiratory protection

Under normal conditions of use respiratory protection is not expected to be required.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

9. Physical and chemical properties

Appearance

Physical state

Liquid.

Form

Viscous liquid

Color

Pink Pearlescent

Odor

Almond

Odor threshold

Not available.

pH

5

Melting point/freezing point

Not available.

Initial boiling point and boiling range

~212°F (~100°C)

Flash point

Not applicable
183.9 °F (84.4 °C) estimated

Evaporation rate

Not available.

Flammability (solid, gas)

Not available.

Upper/lower flammability or explosive limits

Explosive limit - lower (%) Not available.

Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Complete
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Flammability	Not flammable
Flash point class	Not flammable
Specific gravity	1.01

10. Stability and reactivity

Reactivity	Heat.
Chemical stability	Stable at normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Small amounts of nitrogen oxides, carbon monoxide and carbon dioxide may be released.

11. Toxicological information

Information on likely routes of exposure

Inhalation	No effects expected under normal conditions of use.
Skin contact	No effects expected under normal conditions of use. Prolonged skin contact may cause temporary irritation.
Eye contact	Causes serious eye irritation.
Ingestion	Not applicable under normal conditions of use. May cause gastrointestinal irritation if ingested.

Symptoms related to the physical, chemical and toxicological characteristics Causes serious eye irritation. Exposed individuals may experience eye tearing, redness, and discomfort.

Information on toxicological effects

Acute toxicity

Product	Species	Test Results
GEORGIA-PACIFIC® GENERAL PURPOSE LOTION SOAP (FORMERLY HANDI-FRESH)		
Acute		
Inhalation		
LC50	Rat	11143 mg/l, 4 Hours estimated
Oral		
LD50	Rat	54497 mg/kg estimated
Components	Species	Test Results
1,3-DIHYDROXYMETHYL-5,5-DIMETHYLHYDANTOIN (CAS 6440-58-0)		
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg
Oral		
LD50	Rat	2890 mg/kg

Components	Species	Test Results
1-PROPANAMINIUM, 3-AMINO-N-(CARBOXYMETHYL)-N,N-DIMETHYL-, N-COCO ACYL DERIVATIVES, INNER SALTS (CAS 61789-40-0)		
Acute		
Dermal	Rat	> 2000 mg/kg OECD SIDS
Oral	Rat	> 5000 mg/kg OECD SIDS
ETHYL ALCOHOL (CAS 64-17-5)		
Acute		
Inhalation		
LC50	Rat	117 - 125 mg/l, 4 Hours
Oral		
LD50	Mouse	8300 mg/kg
GLYCERIN (CAS 56-81-5)		
Acute		
Dermal	Rabbit	> 5000 mg/kg
Oral	Rat	> 5000 mg/kg
SODIUM CHLORIDE (CAS 7647-14-5)		
Acute		
Oral		
LD50	Rat	3000 mg/kg

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation	The product was evaluated for dermal irritation and was predicted to be moderately to mildly irritating to human skin based on in vitro skin cell testing MIT Effective Time-50 Viable Cell Assay.
Serious eye damage/eye irritation	Causes serious eye irritation.
Respiratory or skin sensitization	
Respiratory sensitization	Not a respiratory sensitizer.
Skin sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	Not hazardous under normal conditions of use.
Carcinogenicity	Not hazardous under normal conditions of use.
	Chronic ingestion of ethanol in alcoholic beverages is classified by IARC as carcinogenic to humans.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	
	Not listed.
Reproductive toxicity	Not hazardous under normal conditions of use. Chronic ingestion of ethanol can cause reproductive/developmental effects.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not an aspiration hazard.
Chronic effects	Not hazardous under normal conditions of use. Chronic ingestion of ethanol can cause liver toxicity.

12. Ecological information

Ecotoxicity	Harmful to aquatic life.
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Product	Species		Test Results
GEORGIA-PACIFIC® GENERAL PURPOSE LOTION SOAP (FORMERLY HANDI-FRESH)			
Aquatic			
Algae	IC50	Algae	366.6667 mg/L, 72 Hours estimated
<i>Acute</i>			
Crustacea	EC50	Daphnia	57.8571 mg/l, 48 hours estimated
Fish	LC50	Fish	18.6625 mg/l, 96 hours estimated

Components	Species		Test Results
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1,3-DIHYDROXYMETHYL-5,5-DIMETHYLHYDANTOIN (CAS 6440-58-0)			
Aquatic			
<i>Acute</i>			
Fish	LC50	Bluegill (<i>Lepomis macrochirus</i>)	173 mg/l, 96 hours
1-PROPANAMINIUM, 3-AMINO-N-(CARBOXYMETHYL)-N,N-DIMETHYL-, N-COCO ACYL DERIVITIVES, INNER SALTS (CAS 61789-40-0)			

Aquatic			
<i>Acute</i>			
Algae	IC50	Algae	5.5 mg/L, 72 Hours
Crustacea	EC50	Daphnia	6.5 mg/L, 48 Hours
<i>Acute</i>			
Fish	LC50	Fish	0.28 - 2.8 mg/l, 96 Hours
<i>Chronic</i>			
Fish	NOEC	Rainbow trout,donaldson trout (<i>Oncorhynchus mykiss</i>)	16 mg/l, 28 days

ALCOHOLS, C12-15, ETHOXYLATED (CAS 68131-39-5)			
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Aquatic			
Crustacea	EC50	Water flea (<i>Ceriodaphnia dubia</i>)	0.37 - 0.43 mg/l, 48 hours
Fish	LC50	Channel catfish (<i>Ictalurus punctatus</i>)	1.04 - 1.39 mg/l, 96 hours

ETHYL ALCOHOL (CAS 64-17-5)			
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Aquatic			
Fish	LC50	Fathead minnow (<i>Pimephales promelas</i>)	13400 - 15100 mg/l, 96 hours

GLYCERIN (CAS 56-81-5)			
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Aquatic			
Fish	LC50	Fish	> 100 mg/l, 96 hours

SODIUM CHLORIDE (CAS 7647-14-5)			
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Aquatic			
Crustacea	EC50	Daphnia	1000 mg/L, 48 Hours
		Water flea (<i>Daphnia magna</i>)	340.7 - 469.2 mg/l, 48 hours
Fish	LC50	Fathead minnow (<i>Pimephales promelas</i>)	6020 - 7070 mg/l, 96 hours

SODIUM LAURETH SULFATE (CAS 9004-82-4)			
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Aquatic			
<i>Acute</i>			
Crustacea	EC50	Water flea (<i>Ceriodaphnia dubia</i>)	2.43 - 4.01 mg/l, 48 hours

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

ETHYL ALCOHOL	-0.31
GLYCERIN	-1.76

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions	This product, if discarded, is not considered a hazardous waste under Federal Hazardous 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 definitions of hazardous wastes.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Empty packaging/container can be disposed in accordance with all applicable regulations.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not established.

15. Regulatory information

US federal regulations SDS prepared pursuant to the Hazard Communication Standard (29 CFR 1910.1200). This product is regulated under the US Federal Food, Drug, and Cosmetic Act.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical Yes

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations This product, if discarded, is considered a Non-RCRA hazardous waste in the state of California.

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

US. Massachusetts RTK - Substance List

ETHYL ALCOHOL (CAS 64-17-5)
GLYCERIN (CAS 56-81-5)

US. New Jersey Worker and Community Right-to-Know Act

ETHYL ALCOHOL (CAS 64-17-5)
GLYCERIN (CAS 56-81-5)

US. Pennsylvania Worker and Community Right-to-Know Law

ETHYL ALCOHOL (CAS 64-17-5)
GLYCERIN (CAS 56-81-5)

US. Rhode Island RTK

Not regulated.

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

FORMALDEHYDE (CAS 50-00-0) Listed: January 1, 1988

16. Other information, including date of preparation or last revision

Issue date	May-29-2015
Revision date	May-29-2015
Version #	03
HMIS® ratings	Health: 2 Flammability: 1 Physical hazard: 0
NFPA ratings	Health: 2 Flammability: 1 Instability: 0

Disclaimer This SDS is intended to quickly provide useful information to the user(s) of this material or product. It is not intended to serve as a comprehensive discussion of all possible risks or hazards, and it assumes a reasonable use of the product. The information contained in this SDS is believed to be accurate as of the date of preparation of this SDS and has been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. The user or handler (or their employer) should consider the specific conditions in which this material will be used, handled, or stored and determine what specific safety or other precautions are required. Employers should ensure that their employees, agents, contractors, and customers who will use the product receive adequate warnings and safe handling procedures, including a current SDS. Product users or handlers (or their employer) who are unsure of what specific precautions are required should consult their employer, product supplier, or safety or health professionals before handling or working with this product. Please notify us immediately if you believe this SDS or other safety and health information about this product is inaccurate or incomplete.

Revision Information Product and Company Identification: Alternate Trade Names