

SAFETY DATA SHEET

1. Identification

Product identifier	enMotion® Foam Hand Sanitizer with Moisturizers
Product list	enMotion® Foam Hand Sanitizer with Moisturizers, Fragrance Free, Lt. Green SKU 42331 enMotion® Foam Hand Sanitizer with Moisturizers, Fragrance Free, Lt. Green, 45mL SKU GP6172 enMotion® Foam Hand Sanitizer with Moisturizers SKU 42334 enMotion® Foam Hand Sanitizer with Moisturizers 45 mL SKU GP5135 enMotion® Foam Hand Sanitizer with Moisturizers, Fragrance Free SKU 42334C
Other means of identification	None.
Recommended use	Hand Sanitizer
Recommended restrictions	None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name	Manufactured for: Georgia-Pacific Consumer Products LP
Address	133 Peachtree Steet, NE Atlanta, GA 30303
Telephone	Technical Information: 866.435.5647 (M)SDS Request: 404.652.5119
E-mail	MSDSREQ@GAPAC.com
Emergency phone number	Chemtrec - Emergency: 800.424.9300

Importer/Supplier/ Distributor

Not applicable.

2. Hazard identification

Physical hazards	Flammable liquids	Category 2
Health hazards	Eye irritation	Category 2A
Environmental hazards	Not classified.	

Label elements



Signal word	Danger
Hazard statement	Highly flammable liquid and vapour. Causes serious eye irritation.

Precautionary statement

Prevention Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Wear protective gloves/eye protection, if handling large quantities.

Response In the event of large spill and subsequent exposure to the product:

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. 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. In case of fire: Use appropriate media to extinguish.

Storage Store in a well-ventilated place. Keep cool.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards In the event of a large spill, sparks may ignite liquid and vapor. May cause flash fire or explosion.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
ETHANOL		64-17-5	55-70
Isopropanol		67-63-0	1 - 5
Other components below reportable levels			15 - 40

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Composition comments Meets Alcohol Requirements stated in FDA Tentative Final Monograph for OTC Healthcare Antiseptic Drug Products – 21 CFR Part 333.410 (a). Percent by volume concentration of ETHYL ALCOHOL (64-17-5) is 70% (v/v).

4. First-aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact If irritation occurs, flush skin with plenty of water. Call a physician if irritation persists.

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

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. Coughing.

Indication of immediate medical attention and special treatment needed Provide general supportive measures and treat symptomatically.

General information Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media Alcohol resistant foam. Water fog. Carbon dioxide (CO₂). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical Flammable liquid - may release vapours that form flammable mixtures at or above the flash point. 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 In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards Highly flammable liquid and vapour.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Wear appropriate protective equipment and clothing during clean-up. For personal protection, see section 8 of the SDS. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge.

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. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. 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 discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.

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. Do not handle or store near an open flame, heat or other sources of ignition. When using do not smoke.

Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame. Eliminate sources of ignition. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Keep in an area equipped with sprinklers.

8. Exposure controls/personal protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Type	Value
ETHANOL (CAS 64-17-5)	STEL	1000 ppm
ISOPROPANOL (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

Components	Type	Value
ETHANOL (CAS 64-17-5)	TWA	1880 mg/m3 1000 ppm
ISOPROPANOL (CAS 67-63-0)	STEL	984 mg/m3 400 ppm
	TWA	492 mg/m3 200 ppm

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

Components	Type	Value
ETHANOL (CAS 64-17-5)	STEL	1000 ppm
ISOPROPANOL (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm

Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)

Components	Type	Value
ETHANOL (CAS 64-17-5)	STEL	1000 ppm
ISOPROPANOL (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm

Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

Components	Type	Value
ETHANOL (CAS 64-17-5)	STEL	1000 ppm
ISOPROPANOL (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm

Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety)

Components	Type	Value
ETHANOL (CAS 64-17-5)	TWA	1880 mg/m3 1000 ppm
ISOPROPANOL (CAS 67-63-0)	STEL	1230 mg/m3 500 ppm

Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety)

Components	Type	Value
	TWA	983 mg/m ³
		400 ppm

Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21)

Components	Type	Value
ETHANOL (CAS 64-17-5)	15 minute	1250 ppm
	8 hour	1000 ppm
ISOPROPANOL (CAS 67-63-0)	15 minute	400 ppm
	8 hour	200 ppm

Biological limit values**ACGIH Biological Exposure Indices**

Components	Value	Determinant	Specimen	Sampling Time
ISOPROPANOL (CAS 67-63-0)	40 mg/l	Acetone	Urine	*

* - For sampling details, please see the source document.

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. Wear appropriate gloves if handling large quantities.

Other None necessary under normal conditions of use. Wear appropriate gloves if handling large quantities.

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

Thermal hazards Not applicable.

General hygiene considerations When using do not smoke.

9. Physical and chemical properties**Appearance**

Physical state Liquid.
Form Foam when dispensed.
Colour Clear light green

Odour Alcohol

Odour threshold Not available.

pH 6 - 9

Melting point/freezing point -114.1 °C (-173.38 °F) estimated

Initial boiling point and boiling range 78.5 °C (173.3 °F) estimated

Flash point 20.0 °C (68.0 °F)

Evaporation rate Not available.

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) Not available.

Flammability limit - upper (%) Not available.

Explosive limit - lower (%) Not available.

Explosive limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	362.78 °C (685 °F) estimated
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Flammability class	Flammable IB estimated
Oxidising properties	Not oxidising.
Specific gravity	0.9

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerisation does not occur.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidising agents. Acids. Metals. Chlorine.
Hazardous decomposition products	Small amounts of nitrogen oxides, carbon monoxide, carbon dioxide and hydrocarbons 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	No effects expected under normal conditions of use. May be harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics	Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
---	---

Information on toxicological effects

Acute toxicity

Components	Species	Test Results
ETHANOL (CAS 64-17-5)		
Acute		
Inhalation		
LC50	Rat	117 - 125 mg/l, 4 Hours
Oral		
LD50	Rat	9.9 g/kg
Isopropanol (CAS 67-63-0)		
Acute		
Dermal		
LD50	Rabbit	16.4 ml/kg

Components	Species	Test Results
Inhalation		
<i>Vapour</i>		
LC50	Rat	> 1000 ppm, 6 hours
Oral		
LD50	Rat	5.84 g/kg

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

Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	
Respiratory sensitisation	Not a respiratory sensitizer.
Skin sensitisation	This product is not expected to cause skin sensitisation.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	Not hazardous under normal conditions of use.
	Ethanol: Chronic ingestion of ethanol in alcoholic beverages is classified by IARC as Group 1 Carcinogenic to humans.

ACGIH Carcinogens

Isopropanol (CAS 67-63-0)

A4 Not classifiable as a human carcinogen.

Canada - Manitoba OELs: carcinogenicity

ETHANOL (CAS 64-17-5)

Confirmed animal carcinogen with unknown relevance to humans.

Isopropanol (CAS 67-63-0)

Not classifiable as a human carcinogen.

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 The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Product	Species	Test Results
enMotion® Foam Hand Sanitizer with Moisturizers		
Aquatic		
Fish	LC50	Fish 19738.7383 mg/l, 96 hours estimated
Components	Species	Test Results
ETHANOL (CAS 64-17-5)		
Aquatic		
Fish	LC50	Fathead minnow (Pimephales promelas) 13400 - 15100 mg/l, 96 hours
Isopropanol (CAS 67-63-0)		
Aquatic		
Fish	LC50	Pimephales promelas 10000 mg/l, 96 hours

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

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

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

ETHANOL -0.31

Partition coefficient n-octanol / water (log Kow)

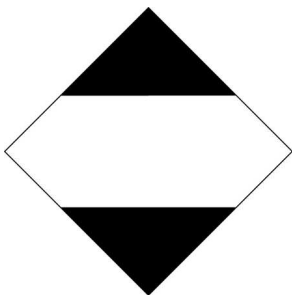
Isopropanol 0.05

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** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.**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** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.**14. Transport information****TDG**

UN number UN1993
UN proper shipping name FLAMMABLE LIQUID, N.O.S. (Isopropanol, ETHANOL), Limited Quantity
Transport hazard class(es)
Class 3
Subsidiary risk -
Packing group II
Environmental hazards Not available.
Special precautions for user Not available.

IMDG

UN number UN1993
UN proper shipping name FLAMMABLE LIQUID, N.O.S. (ISOPROPYL ALCOHOL, ETHYL ALCOHOL), Limited Quantity
Transport hazard class(es)
Class 3
Subsidiary risk -
Packing group II
Environmental hazards
Marine pollutant No.
EmS F-E, S-E
Special precautions for user Not available.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not established.**IMDG; TDG****15. Regulatory information****Canadian regulations****Controlled Drugs and Substances Act**

Not regulated.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

Greenhouse Gases

Not listed.

Precursor Control Regulations

Not regulated.

International regulations

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto Protocol

Not applicable.

Montreal Protocol

Not applicable.

Basel Convention

Not applicable.

16. Other information

Issue date 06-15-2020

Version No. 01

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: Synonyms
Composition / Information on Ingredients: Ingredients
Physical & Chemical Properties: Multiple Properties
Toxicological Information: Toxicological Data
Ecological Information: Ecotoxicity
Transport Information: Proper Shipping Name/Packing Group
Regulatory Information: United States
HazReg Data: North America
GHS: Classification