

SAFETY DATA SHEET

enMotion® Foam Hand Sanitizer with Moisturizers

Section 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	: Not available.
SDS #	: Not available.
Product type	: Liquid

Recommended use of the chemical and restrictions on use

Recommended use

Hand Sanitizer

Restrictions on use

This product is regulated as Natural Health Product in Canada and is intended for personal hand hygiene to help prevent the spread of bacteria.

Supplier's details	: Manufactured for: Georgia-Pacific Consumer Products LP 133 Peachtree Street NE Atlanta, GA 30303 Technical Information: 866.435.5647 SDS Request: 404.652.5119 E-mail: SDSREQ@gapac.com
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Emergency telephone number (with hours of operation)	: Chemtrec - Emergency: 800.424.9300
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Section 2. Hazard identification

Classification of the substance or mixture	: FLAMMABLE LIQUIDS - Category 2 EYE IRRITATION - Category 2A
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GHS label elements

Hazard pictograms	:  
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Signal word	: Danger
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Hazard statements	: Highly flammable liquid and vapor. Causes serious eye irritation.
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Precautionary statements

General	: Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
Prevention	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Wear protective gloves/eye protection, if handling large quantities.

Section 2. Hazard identification

- 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. 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 attention. In case of fire: Use extinguishing media suitable for surrounding materials.
- Storage** : Store in a well-ventilated place. Keep cool and protect from sunlight.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Other hazards which do not result in classification** : In the event of a large spill, sparks may ignite liquid and vapor. May cause flash fire or explosion.

Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Other means of identification** : Not available.

Ingredient name	% (w/w)	CAS number
ETHYL ALCOHOL	60 - 80	64-17-5
ISOPROPYL ALCOHOL	1 - 5	67-63-0

Composition Comments

Percent by volume concentration of ETHYL ALCOHOL (64-17-5) is 70% (v/v).

Meets Alcohol Requirements stated in Health Canada Monograph for Antiseptic Skin Cleansers (Domestic/ Personal Use).

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-aid measures

Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Move exposed person to fresh air. Get medical attention if symptoms occur.
- Skin contact** : If irritation occurs, flush skin with plenty of water. Call a physician if irritation persists.
- Ingestion** : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- 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.
- Ingestion** : May be harmful if swallowed.

Section 4. First-aid measures

Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:
pain or irritation
watering
redness
- Inhalation** : coughing
- Skin contact** : No specific data.
- Ingestion** : No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

- Suitable extinguishing media** : Use dry chemical, CO₂, water spray (fog) or foam.
- Unsuitable extinguishing media** : Do not use water jet.

Specific hazards arising from the chemical : Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide

Special protective actions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : If a large number of containers are ruptured, treat as a bulk material spillage according to the instructions in the clean-up section. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Section 6. Accidental release measures

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures : For external use only. Keep out of the reach of children. Do not get in eyes. Do not ingest. Wear gloves and safety glasses or goggles if handling large quantities. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene : When using do not smoke. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
ethanol	<p>CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 1000 ppm 8 hours. 8 hrs OEL: 1880 mg/m³ 8 hours.</p> <p>CA British Columbia Provincial (Canada, 5/2019). STEL: 1000 ppm 15 minutes.</p> <p>CA Ontario Provincial (Canada, 1/2018). STEL: 1000 ppm 15 minutes.</p> <p>CA Quebec Provincial (Canada, 1/2014). TWAEV: 1000 ppm 8 hours. TWAEV: 1880 mg/m³ 8 hours.</p> <p>CA Saskatchewan Provincial (Canada,</p>

Section 8. Exposure controls/personal protection

ISOPROPYL ALCOHOL

7/2013).
 STEL: 1250 ppm 15 minutes.
 TWA: 1000 ppm 8 hours.
CA Alberta Provincial (Canada, 6/2018).
 15 min OEL: 984 mg/m³ 15 minutes.
 8 hrs OEL: 200 ppm 8 hours.
 15 min OEL: 400 ppm 15 minutes.
 8 hrs OEL: 492 mg/m³ 8 hours.
CA British Columbia Provincial (Canada, 5/2019).
 TWA: 200 ppm 8 hours.
 STEL: 400 ppm 15 minutes.
CA Ontario Provincial (Canada, 1/2018).
 TWA: 200 ppm 8 hours.
 STEL: 400 ppm 15 minutes.
CA Quebec Provincial (Canada, 1/2014).
 TWAEV: 400 ppm 8 hours.
 TWAEV: 983 mg/m³ 8 hours.
 STEV: 500 ppm 15 minutes.
 STEV: 1230 mg/m³ 15 minutes.
CA Saskatchewan Provincial (Canada, 7/2013).
 STEL: 400 ppm 15 minutes.
 TWA: 200 ppm 8 hours.

Appropriate engineering controls : Use only with adequate ventilation.

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures : When using do not smoke.

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 chemical resistant gloves if handling large quantities.

Body protection : None necessary under normal conditions of use. Wear appropriate chemical resistant gloves if handling large quantities.

Other skin protection : None necessary under normal conditions of use. Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling large amounts of this product.

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

Section 9. Physical and chemical properties

Appearance

Physical state : Liquid [Foam when dispensed.]

Color : Clear light green

Odor : Alcohol

Odor threshold : Not available.

pH : 6 to 9

Melting point : -114.1°C (-173.4°F)

Boiling point : 78.5°C (173.3°F)

Section 9. Physical and chemical properties

Flash point	: Closed cup: 20°C (68°F)
Evaporation rate	: Not available.
Flammability (solid, gas)	: Not available.
Lower and upper explosive (flammable) limits	: Not available.
Vapor pressure	: Not available.
Vapor density	: Not available.
Relative density	: 0.9
Solubility	: Not available.
Solubility in water	: Not available.
Partition coefficient: n-octanol/water	: Not available.
Auto-ignition temperature	: 362.7°C (684.9°F)
Decomposition temperature	: Not available.
Viscosity	: Not available.
Flow time (ISO 2431)	: Not available.

Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: Product is stable under normal conditions of use.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
Incompatible materials	: Reactive or incompatible with the following materials: oxidizing materials
Hazardous decomposition products	: Small amounts of nitrogen oxides, carbon monoxide, carbon dioxide, and hydrocarbons may be released.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
ethanol ISOPROPYL ALCOHOL	LC50 Inhalation Vapor	Rat	124700 mg/m ³	4 hours
	LD50 Oral	Rat	7 g/kg	-
	LC50 Inhalation Gas.	Rat	>10000 ppm	6 hours
	LD50 Dermal	Rabbit	12.8 g/kg	-
	LD50 Oral	Rat	5.84 g/kg	-
	LD50 Oral	Rat	5000 mg/kg	-

Irritation/Corrosion

Section 11. Toxicological information

Product/ingredient name	Result	Species	Score	Exposure	Observation
ethanol	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Eyes - Moderate irritant	Rabbit	-	0.066666667 minutes 100 mg	-
	Eyes - Moderate irritant	Rabbit	-	100 UI	-
	Eyes - Severe irritant	Rabbit	-	500 mg	-
	Skin - Mild irritant	Rabbit	-	400 mg	-
ISOPROPYL ALCOHOL	Skin - Moderate irritant	Rabbit	-	24 hours 20 mg	-
	Eyes - Moderate irritant	Rabbit	-	24 hours 100 mg	-
	Eyes - Moderate irritant	Rabbit	-	10 mg	-
	Eyes - Severe irritant	Rabbit	-	100 mg	-
	Skin - Mild irritant	Rabbit	-	500 mg	-

Sensitization

Not available.

Conclusion/Summary

- Skin** : Not likely to cause skin sensitization.
Respiratory : Not likely to cause respiratory sensitization.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
ISOPROPYL ALCOHOL	Category 3	Not applicable.	Narcotic effects

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure : Not available.

Potential acute health effects

- Eye contact** : Causes serious eye irritation.
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.
Ingestion : May be harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Section 11. Toxicological information

- Eye contact** : Adverse symptoms may include the following:
pain or irritation
watering
redness
- Inhalation** : coughing
- Skin contact** : No specific data.
- Ingestion** : No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

Not available.

General : Not hazardous under normal conditions of use. Chronic ingestion of ethanol can cause liver toxicity.

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.

Mutagenicity : Not hazardous under normal conditions of use.

Teratogenicity : Not hazardous under normal conditions of use.

Developmental effects : Not hazardous under normal conditions of use. Chronic ingestion of ethanol can cause reproductive/developmental effects.

Fertility effects : Not hazardous under normal conditions of use.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
Oral	157465.9 mg/kg
Dermal	201715 mg/kg

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
ethanol	Acute EC50 17.921 mg/l Marine water	Algae - Ulva pertusa	96 hours
	Acute EC50 2000 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 25500 µg/l Marine water	Crustaceans - Artemia franciscana - Larvae	48 hours
	Acute LC50 42000 µg/l Fresh water	Fish - Oncorhynchus mykiss	4 days
	Chronic NOEC 4.995 mg/l Marine water	Algae - Ulva pertusa	96 hours
	Chronic NOEC 100 µl/L Fresh water	Daphnia - Daphnia magna - Neonate	21 days
	Chronic NOEC 0.375 µl/L Fresh water	Fish - Gambusia holbrooki - Larvae	12 weeks
ISOPROPYL ALCOHOL	Acute EC50 7550 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours

Section 12. Ecological information

	Acute LC50 1400000 µg/l Marine water Acute LC50 10000 mg/l Acute LC50 4200 mg/l Fresh water	Crustaceans - Crangon crangon Fish Fish - Rasbora heteromorpha	48 hours 96 hours 96 hours
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Persistence and degradability

Not available.

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
ethanol	-0.35	-	low
ISOPROPYL ALCOHOL	0.05	-	low

Mobility in soil




Soil/water partition coefficient (K_{oc}) : Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	TDG Classification	IMDG	IATA
UN number	UN1993	UN1993	UN1993
UN proper shipping name	FLAMMABLE LIQUID, N.O.S. (ethanol, Isopropyl alcohol)	FLAMMABLE LIQUID, N.O.S. (ISOPROPYL ALCOHOL, ETHYL ALCOHOL) (ethanol, Isopropyl alcohol)	Flammable liquid, n.o.s. (ISOPROPYL ALCOHOL, ETHYL ALCOHOL) (ethanol, Isopropyl alcohol)
Transport hazard class(es)	3 	3 	3 
Packing group	II	II	II
Environmental hazards	Yes.	No	No

Section 14. Transport information

Additional information	Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2. 18-2.19 (Class 3), Remarks May be classified/shipped as Limited Quantity (LTD QTY) if Packaging exceptions requirements are met.	Emergency schedules F-E, S-E Remarks May be classified/shipped as Limited Quantity (LTD QTY) if Packaging exceptions requirements are met.	Remarks May be classified/shipped as Limited Quantity (LTD QTY) if Packaging exceptions requirements are met.
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Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL and the IBC Code : Not available.

Section 15. Regulatory information

Canadian lists

Canadian NPRI : The following components are listed: isopropyl alcohol; ethanol

CEPA Toxic substances : None of the components are listed.

Canada inventory : All components are listed or exempted.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol (Annexes A, B, C, E)

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

Australia : Not determined.
China : Not determined.
Europe : Not determined.
Japan : **Japan inventory (ENCS):** Not determined.
Japan inventory (ISHL): Not determined.
Malaysia : Not determined.
New Zealand : Not determined.
Philippines : Not determined.
Republic of Korea : Not determined.

Section 15. Regulatory information

Taiwan	: Not determined.
Turkey	: Not determined.
United States	: All components are listed or exempted.

Section 16. Other information

History

Date of printing	: 12/11/2020
Date of issue/Date of revision	: 12/11/2020
Date of previous issue	: 12/11/2020
Version	: 2

Key to abbreviations

: ATE = Acute Toxicity Estimate
: BCF = Bioconcentration Factor
: GHS = Globally Harmonized System of Classification and Labelling of Chemicals
: IATA = International Air Transport Association
: IBC = Intermediate Bulk Container
: IMDG = International Maritime Dangerous Goods
: LogPow = logarithm of the octanol/water partition coefficient
: MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
: UN = United Nations
: HPR = Hazardous Products Regulations

Procedure used to derive the classification

Classification	Justification
FLAMMABLE LIQUIDS - Category 2 EYE IRRITATION - Category 2A	On basis of test data Calculation method

References

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✔ Indicates information that has changed from previously issued version.

Notice to reader

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.