

SAFETY DATA SHEET

1. Identification

Product identifier	enMotion® Foam Hand Sanitizer with Moisturizers, Lt. Green, Fragrance Free		
Other means of identification			
Synonyms	enMotion® Foam Hand Sanitizer with Moisturizers - SKU 42331 * enMotion® Foam Hand Sanitizer with Moisturizers - GP5135 * GP SDS internal code - 6176C		
Recommended use	Alcohol Hand Sanitizer		
Recommended restrictions	Product is to be used on hands.		
Manufacturer/Importer/Supplier/Distributor information			
Manufacturer			
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	Flammable liquids	Category 1
Health hazards	Serious eye damage/eye irritation	Category 2A
Environmental hazards	Not classified.	
OSHA defined hazards	Not classified.	

Label elements



Signal word	Danger
Hazard statement	Extremely flammable liquid and vapor. Causes serious eye irritation.
Precautionary statement	
Prevention	Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Avoid release to the environment. 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.
Storage	Store in a well-ventilated place.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	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	%
ETHYL ALCOHOL		64-17-5	60 - 100
WATER		7732-18-5	15 - 40

Chemical name	Common name and synonyms	CAS number	%
ALOE VERA, LEAF EXTRACT		85507-69-3	0.1 - 1

Composition comments Percent by volume concentration of ETHYL ALCOHOL (64-17-5) is 60-70% (v/v).

Meets Alcohol Requirements stated in FDA Tentative Final Monograph for OTC Healthcare Antiseptic Drug Products – 21 CFR Part 333.410 (a).

4. First-aid measures

Inhalation	No effects expected under normal conditions of use. If symptoms develop, remove to fresh air. Get medical attention if irritation persists.
Skin contact	No effects expected under normal conditions of use. Stop use if irritation or redness develops. Seek medical attention if irritation persists more than 72 hours.
Eye contact	No effects expected under normal conditions of use. Immediately flush eye(s) with plenty of water. Get medical attention if irritation develops and persists.
Ingestion	Not a normal route of exposure. If ingested seek medical attention or call a poison control center.
Most important symptoms/effects, acute and delayed	Causes serious eye irritation.
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. Powder, water spray, foam, carbon dioxide.
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 vapors 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	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	Extremely flammable liquid and vapor.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Use appropriate containment to avoid environmental contamination. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
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. Keep combustibles (wood, paper, oil, etc.) away from spilled material. This product is miscible in water. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways. 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. For waste disposal, see section 13 of the SDS. Spills of this material may become a slipping hazard.
Environmental precautions	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination. 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. Children should use only with adult supervision. Avoid contact with the eyes. Wear gloves and safety glasses or goggles if handling large quantities.

Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Keep in an area equipped with sprinklers. Keep away from children.

8. Exposure controls/personal protection

Occupational exposure limits

U.S. - OSHA Components

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

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

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

ACGIH Components

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

US. ACGIH Threshold Limit Values Components

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

Hand protection

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

Skin protection

Other

Not applicable.

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

Clear alcohol hand sanitizer.

Physical state

Liquid.

Form

Foam when dispensed.

Color

Light green

Odor

Alcohol

Odor threshold

Not available.

pH

6 - 8

Melting point/freezing point

Not available.

Initial boiling point and boiling range

Not available.

Flash point

62.6 °F (17.0 °C)

Evaporation rate

Not available.

Flammability (solid, gas)	Not available.
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.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Complete Soluble
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available. estimated
Viscosity	Not available.
Other information	
Flammability class	Flammable IB estimated
Flash point class	Flammable IB
Specific gravity	0.89 - 0.9

10. Stability and reactivity

Reactivity	Heat. Incompatible materials.
Chemical stability	Stable at normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials.
Incompatible materials	Acids. Strong oxidizing agents. Metals. Chlorine. Oxidizers.
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

Ingestion	No effects expected under normal conditions of use. May be harmful if swallowed.
Inhalation	No effects expected under normal conditions of use.
Skin contact	Prolonged, excessive use may cause slight irritation.
Eye contact	None expected when product is used as intended. Causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics Not available.

Information on toxicological effects

Acute toxicity

Components	Species	Test Results
ETHYL ALCOHOL (CAS 64-17-5)		
Acute		
<i>Inhalation</i>		
LC50	Rat	117 - 125 mg/l, 4 Hours

Components	Species	Test Results
Oral LD50	Mouse	8300 mg/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 Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Respiratory sensitization Not available.

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.

Ethanol: Chronic ingestion of ethanol in alcoholic beverages is classified by IARC as Group 1 Carcinogenic to humans.

Aloe: The decolorized form of aloe vera as used in this product is not hazardous under normal conditions of use. The non-decolorized whole leaf extract of aloe vera is classified by IARC as Group 2B Possibly 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 and central nervous system effects, and liver disorders.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not available.

Chronic effects Not hazardous under normal conditions of use.

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.

Components	Species	Test Results
ETHYL ALCOHOL (CAS 64-17-5)		
Aquatic		
Crustacea	LC50 Ceriodaphnia dubia	5012 mg/l, 48 hours
Fish	LC50 Fathead minnow (Pimephales promelas)	> 100 mg/l, 96 hours

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

Persistence and degradability Ready bioavailable (74% after 5 days).

Bioaccumulative potential Not likely to bioaccumulate (Calculated log BCFs 0.5).

Partition coefficient n-octanol / water (log Kow)

ETHYL ALCOHOL -0.31

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 as supplied, is considered a hazardous waste under RCRA, D001.

Local disposal regulations Dispose in accordance with all applicable regulations.

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

Waste from residues / unused products Not available.

Contaminated packaging Not available.

14. Transport information

General information DOT CLASSIFICATION
ORM-D (Ground/Rail Transport) or Ground Limited Quantity
UN1170; PG III (Air Transport); Ethyl alcohol; Class 3
DOT Regulated Marine Pollutant. IMDG Regulated Marine Pollutant.

15. Regulatory information

US federal regulations 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 - Yes
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

US. Massachusetts RTK - Substance List

ETHYL ALCOHOL (CAS 64-17-5)

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

ETHYL ALCOHOL (CAS 64-17-5)

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

ETHYL ALCOHOL (CAS 64-17-5)

US. Rhode Island RTK

Not regulated.

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

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

Product list enMotion® Foam Hand Sanitizer with Moisturizers SKU - 42331
enMotion® Foam Hand Sanitizer with Moisturizers 45 mL GP5135

Issue date July-11-2014

Revision date 11-Jul-2014

Version # 03

HMIS® ratings Health: 1
Flammability: 3
Physical hazard: 0

NFPA ratings

Health: 1
Flammability: 3
Instability: 0

Disclaimer

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Revision Information

GHS: Classification