

CM4233

MATERIAL SAFETY DATA SHEET



1. Product and Company Identification

Material name enMotion™ Foam Hand Sanitizer with Moisturizers, Lt. Green, Fragrance Free
Product use Hand Sanitizer
Product list
 enMotion™ Foam Hand Sanitizer with Moisturizers 1000 mL SKU - 42331
 enMotion™ Foam Hand Sanitizer with Moisturizers 45 mL GP5135
Manufacturer information Manufactured for:
 Georgia-Pacific Consumer Products LP
 133 Peachtree Street, NE
 Atlanta, GA 30303
 MSDS Request: 404.652.5119
 Technical Information: 866.435.5647
 Chemtrec - Emergency: 800.424.9300

2. Hazards Identification

Emergency overview Contact with product may cause irritation to eyes and skin.
Target organs Eyes
Potential health effects
Eyes May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production.
Skin Prolonged and/or repeated skin contact with this product may cause irritation.
Inhalation Not applicable under normal conditions of use.
Ingestion Not applicable under normal conditions of use. May cause gastrointestinal irritation if ingested.

3. Composition / Information on Ingredients

Components	CAS #	Percent/Wt	Percent/Vol
ETHYL ALCOHOL	64-17-5	62	70
WATER	7732-18-5	36	

Composition comments This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication Standard).
 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

First aid procedures
Eye contact In case of eye contact flush eyes with plenty of water. Seek medical attention if irritation persists.
Skin contact If irritation occurs, flush skin with plenty of water. Seek medical attention if irritation persists.
Inhalation Not a normal route of exposure. If symptoms develop, remove to fresh air. Get medical attention if irritation persists.
Ingestion If ingested seek medical attention or call a poison control center.

5. Fire Fighting Measures

Extinguishing media
Suitable extinguishing media Powder, water spray, foam, carbon dioxide.
Protection of firefighters
Protective equipment and precautions for firefighters Firefighters should wear full protective clothing including self contained breathing apparatus.

Explosion data

Sensitivity to static discharge Not applicable.

Sensitivity to mechanical impact Not applicable.

Hazardous combustion products Small amounts of nitrogen oxides, carbon monoxide, carbon dioxide, and hydrocarbons may be released.

6. Accidental Release Measures

Personal precautions Use personal protection recommended in Section 8. Isolate area. Keep unnecessary personnel away from the release. Remove all 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 cleaning up Soak into absorbent material. Spills of this material may become a slipping hazard. Thoroughly wash the area with water after a spill or leak.

7. Handling and Storage

Handling Keep away from heat and sources of ignition. For external use only. Keep out of the reach of children. Avoid contact with the eyes. Wear gloves and safety glasses or goggles if handling large quantities.

Storage Keep away from children. Keep container tightly closed. Keep at temperatures below 49 °C.

8. Exposure Controls / Personal Protection

ETHYL ALCOHOL (CAS # 64-17-5)

	TWA	STEL	Ceiling
ACGIH	Not established	1000 ppm	Not established
OSHA	1000 ppm TWA; 1900 mg/m3 TWA	Not established	Not established

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.

9. Physical & Chemical Properties

Appearance Thin transparent liquid

Color Light green

Odor Alcohol

Odor threshold Not available

Physical state Liquid.

pH 6 - 8

Melting point Not available

Freezing point Not available

Boiling point Not available

Flash point 62.6 °F (17 °C)

Evaporation rate Not applicable

Flammability Flammable IB

Flammability limits in air, upper, % by volume Not available

Flammability limits in air, lower, % by volume Not available

Vapor pressure Not available

Vapor density Not available

Specific gravity 0.897

Relative density	Not available
Solubility (water)	Complete
Partition coefficient (n-octanol/water)	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available

10. Chemical Stability & Reactivity Information

Chemical stability	Stable at normal conditions.
Conditions of Reactivity	Heat. Incompatible materials.
Incompatible materials	Oxidizers. Acids. Chlorine. Metals
Hazardous decomposition products	Small amounts of nitrogen oxides, carbon monoxide, carbon dioxide and hydrocarbons may be released.

11. Toxicological Information

Toxicological information No toxicological data available for this product. Toxicological information for components of this product is listed below.

Toxicological information (Ingredients)

ETHYL ALCOHOL (CAS # 64-17-5)

Toxicology Data - Selected LD50s and LC50s

Oral LD50 Rat: 7060 mg/kg

Irritancy

Product may cause eye and skin irritation.

Chronic effects

Chronic toxic effects are unlikely under normal conditions of use.

Carcinogenicity

Not hazardous under normal conditions of use.

ETHYL ALCOHOL (CAS # 64-17-5)

IARC - Group 1 (Carcinogenic to Humans)

Monograph 96 [2007] (in alcoholic beverages)

U.S. - OSHA - Hazard Communication Carcinogens

Present

Mutagenicity

Not hazardous under normal conditions of use.

Reproductive effects

Not hazardous under normal conditions of use. Chronic ingestion of ethanol can cause reproductive/developmental and central nervous system effects, and liver disorders.

Teratogenicity

Not available

Synergistic materials

Not available

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.

ETHYL ALCOHOL (CAS # 64-17-5)

Ecotoxicity - Freshwater Fish Species Data

96 Hr LC50 Oncorhynchus mykiss: 12.0-16.0 ml/L [static]; 96 Hr LC50 Pimephales promelas:>100 mg/L [static]; 96 Hr LC50 Pimephales promelas:13400-15100 mg/L [flow-through]

13. Disposal Considerations

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

14. Transport Information

General

DOT CLASSIFICATION

ORM-D (Ground/Rail Transport)

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

TDG CLASSIFICATION

Limited Quantity (Ground/Rail Transport)

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

15. Regulatory Information

US federal regulations This product is regulated under the US Federal Food, Drug, and Cosmetic Act.

Canadian regulations

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. This product is regulated under Canada's Food & Drug Act.

ETHYL ALCOHOL (CAS # 64-17-5)

Canada - WHMIS - Ingredient Disclosure List

0.1 %

16. Other Information**HMIS® ratings**

Health: 1
Flammability: 3
Physical hazard: 0

NFPA ratings

Health: 1
Flammability: 3
Instability: 0

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 relating to any party's use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete or otherwise misleading.

Effective Date

11-Sep-2009

Prepared by

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