

1. Product and Company Identification

Material name enMotion™ Alcohol Sanitizer Gel

Product use Hand Sanitizer

Product list

enMotion™ Alcohol Sanitizer Gel

SKU - 42344

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

Not expected to be a primary skin irritant. 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	55 - 64	62 - 72
WATER	7732-18-5	35 - 40	
ALOE VERA, LEAF EXTRACT	85507-69-3	0.5 - 1.5	

Composition comments

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

Immediately flush eye(s) with plenty of water. If irritation persists, seek medical attention.

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 (120°F).

8. Exposure Controls / Personal Protection

Exposure limits

ETHYL ALCOHOL (CAS # 64-17-5)

	TWA	STEL	Ceiling
ACGIH	Not established	1000 ppm	Not established
OSHA	1000 ppm	Not established	Not established

ALOE VERA, LEAF EXTRACT (CAS # 85507-69-3)

	TWA	STEL	Ceiling
ACGIH	Not established	Not established	Not established
OSHA	Not established	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	Clear
Physical State	Liquid gel
Color	Colorless
Odor	Alcohol
Odor threshold	Not available
pH	6 - 8.5
Melting point	Not available
Freezing point	Not available
Boiling point	Not available
Flash point	65 - 68 °F (18.3 - 20 °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	0.9
Relative density	Not available
Solubility (water)	Soluble
Partition coefficient (n-octanol/water)	Not available
Auto-ignition temperature	Not available
Percent volatile	>66
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 and 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.
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.

IARC Monographs Overall Evaluation of Carcinogenicity

ALOE VERA, LEAF EXTRACT (CAS 85507-69-3)	Group 2B Possibly carcinogenic to humans. Volume 108 (In preparation)
ETHYL ALCOHOL (CAS 64-17-5)	Group 1 Carcinogenic to humans. Volume 96, Volume 100E

Chronic effects	Not hazardous under normal conditions of use. Chronic ingestion of ethanol can cause liver toxicity.
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 effects.
Neurotoxicity	Not hazardous under normal conditions of use. Chronic ingestion of ethanol can cause CNS(Central Nervous System) effects.

12. Ecological Information

Ecotoxicological data Components

Test Results

ETHYL ALCOHOL (64-17-5)	EC50 Daphnia: 11744.5 mg/L 48.00 Hours
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.

13. Disposal Considerations

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

General

DOT CLASSIFICATION
ORM-D (Ground/Rail Transport)
UN1993; PG II (Air Transport); Flammable liquids n.o.s (Contains ethyl alcohol) Class 3;

TDG CLASSIFICATION
Limited Quantity (Ground/Rail Transport)
UN1993; PG II (Air Transport); Flammable liquids n.o.s (Contains ethyl alcohol) Class 3;

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.

Regulatory information

Canada DSL Inventory: Registration Status

ALOE VERA, LEAF EXTRACT (CAS 85507-69-3)	Listed.
ETHYL ALCOHOL (CAS 64-17-5)	Listed.

US TSCA Inventory: Registration Status

ETHYL ALCOHOL (CAS 64-17-5)	Listed.
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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

19-Sep-2013