

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	

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

Explosion data

Sensitivity to static discharge	Not applicable.
Sensitivity to mechanical impact	Not applicable.

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	1900 mg/m ³	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
Color	Colorless
Odor	Alcohol
Physical state	Liquid gel
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
Solubility (water)	Soluble

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 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.

Toxicological information (Ingredients)

ETHYL ALCOHOL (CAS # 64-17-5)

Toxicology Data - Selected LD50s and LC50s

Other LD50 Mouse: 933 mg/kg
 Other LD50 Rat: 1440 mg/kg
 Inhalation LC50 Mouse: 0.039 mg/l
 Inhalation LC50 Rat: 20000 mg/l
 Oral LD50 Dog: 5.5 g/kg
 Oral LD50 Guinea pig: 5.6 g/kg
 Oral LD50 Mouse: 3450 mg/kg
 Oral LD50 Rat: 6.2 g/kg
 Oral LD50 Rat: 7060 mg/kg

Carcinogenicity Not hazardous under normal conditions of use.

IARC Monographs. Overall Evaluation of Carcinogenicity

ETHYL ALCOHOL (CAS 64-17-5)

1 Volume 96, Volume 100E

Chronic effects Chronic toxic effects are unlikely under normal conditions of use.

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

Ecotoxicological data

Components

Test Results

ETHYL ALCOHOL (64-17-5)

EC50 Daphnia: 11744.5 mg/L 48.00 Hours

LC50 Fathead minnow (Pimephales promelas): > 100 mg/l
 96.00 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.

Environmental effects If large quantities enter a waterway, advise local authorities.

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.
California	This product, if discarded, is considered a Non-RCRA hazardous waste in the state of California.

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.
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