

## 1. Identification

<b>Product identifier</b>	<b>enMotion® High Frequency Use Foam Handwash</b>
<b>Product list</b>	enMotion® High Frequency Use Foam Handwash 1200 mL bags/ 2 per case SKU - 42713
<b>Other means of identification</b>	
<b>SDS number</b>	B101
<b>Recommended use</b>	Hand cleanser
<b>Recommended restrictions</b>	This product is regulated as a cosmetic in Canada, and is intended for personal care use
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Manufacturer</b>	
<b>Company name</b>	Manufactured for: Georgia-Pacific Consumer Products LP
<b>Address</b>	133 Peachtree Steet, NE Atlanta, GA 30303
<b>Telephone</b>	Technical Information: 866.435.5647 (M)SDS Request: 404.652.5119
<b>E-mail</b>	MSDSREQ@GAPAC.com
<b>Emergency phone number</b>	Chemtrec - Emergency: 800.424.9300
<b>Importer/Supplier/Distributor</b>	Not applicable.

## 2. Hazard(s) identification

<b>Physical hazards</b>	Not classified.
<b>Health hazards</b>	Not classified.
<b>Environmental hazards</b>	Not classified.

### Label elements



<b>Signal word</b>	Warning
<b>Hazard statement</b>	Causes mild skin irritation. Causes serious eye irritation.
<b>Precautionary statement</b>	
<b>Prevention</b>	Observe good industrial hygiene practices. Wash thoroughly after handling large quantities. Wear eye/face protection, if handling large quantities.
<b>Response</b>	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.
<b>Storage</b>	Store away from strong oxidizers, reducing agents, strong acids and strong bases..
<b>Disposal</b>	Dispose of waste and residues in accordance with local authority requirements.
<b>Other hazards</b>	None known.
<b>Supplemental information</b>	May cause an allergic reaction in sensitive individuals.

## 3. Composition/information on ingredients

### Mixtures

Chemical name	Common name and synonyms	CAS number	%
POTASSIUM HYDROXIDE		1310-58-3	0 - For pH adjustment
Hexylene glycol		107-41-5	1 - 5
Other components below reportable levels			80 - 100

The specific chemical identity and/or percentage of composition has been withheld as a trade secret.

**Composition comments** Not applicable to notified cosmetics. Refer to product label for active ingredient content.

#### 4. First-aid measures

**Inhalation** Not a normal route of exposure. If symptoms develop, remove to fresh air. Get medical attention if irritation persists.

**Skin contact** If irritation occurs, flush skin with plenty of water. Seek medical attention if irritation persists.

**Eye contact** 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.

**Ingestion** Rinse mouth. Do not induce vomiting without advice from poison control center. Get medical attention if symptoms occur.

**Most important symptoms/effects, acute and delayed** Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

**Indication of immediate medical attention and special treatment needed** Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

**General information** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

#### 5. Fire-fighting measures

**Suitable extinguishing media** 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** 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** Firefighters should wear full protective clothing including self contained breathing apparatus.

**Specific methods** Use standard firefighting procedures and consider the hazards of other involved materials.

**General fire hazards** This product is not expected to burn unless all water is boiled away. The remaining organic compounds may be ignitable. Use water to cool containers exposed to fire.

#### 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures** Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Use personal protection recommended in Section 8. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. Spills of this material are a slipping hazard.

**Methods and materials for containment and cleaning up** 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. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

**Environmental precautions** Avoid release to the environment. 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. Do not get this material in contact with eyes. Wear gloves and safety glasses or goggles if handling large quantities. Avoid prolonged exposure. Provide adequate ventilation. Avoid release to the environment.

**Conditions for safe storage, including any incompatibilities** Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. ACGIH Threshold Limit Values

Components	Type	Value	Form
HEXYLENE GLYCOL (CAS 107-41-5)	STEL	10 mg/m <sup>3</sup>	Aerosol, inhalable.
		50 ppm	Vapor fraction
	TWA	25 ppm	Vapor fraction
POTASSIUM HYDROXIDE (CAS 1310-58-3)	Ceiling	2 mg/m <sup>3</sup>	

#### Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

Components	Type	Value
HEXYLENE GLYCOL (CAS 107-41-5)	Ceiling	121 mg/m <sup>3</sup>
		25 ppm
POTASSIUM HYDROXIDE (CAS 1310-58-3)	Ceiling	2 mg/m <sup>3</sup>

#### Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

Components	Type	Value
HEXYLENE GLYCOL (CAS 107-41-5)	Ceiling	25 ppm
POTASSIUM HYDROXIDE (CAS 1310-58-3)	Ceiling	2 mg/m <sup>3</sup>

#### Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)

Components	Type	Value	Form
HEXYLENE GLYCOL (CAS 107-41-5)	STEL	10 mg/m <sup>3</sup>	Aerosol, inhalable.
		50 ppm	Vapor fraction
	TWA	25 ppm	Vapor fraction
POTASSIUM HYDROXIDE (CAS 1310-58-3)	Ceiling	2 mg/m <sup>3</sup>	

#### Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

Components	Type	Value
HEXYLENE GLYCOL (CAS 107-41-5)	Ceiling	25 ppm
POTASSIUM HYDROXIDE (CAS 1310-58-3)	Ceiling	2 mg/m <sup>3</sup>

#### Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety)

Components	Type	Value
HEXYLENE GLYCOL (CAS 107-41-5)	Ceiling	121 mg/m <sup>3</sup>
		25 ppm
POTASSIUM HYDROXIDE (CAS 1310-58-3)	Ceiling	2 mg/m <sup>3</sup>

#### Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21)

Components	Type	Value
HEXYLENE GLYCOL (CAS 107-41-5)	Ceiling	25 ppm
POTASSIUM HYDROXIDE (CAS 1310-58-3)	Ceiling	2 mg/m <sup>3</sup>

#### 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

<b>Eye/face protection</b>	None necessary under normal conditions of use. Wear safety glasses or goggles if handling large quantities.
<b>Skin protection</b>	
<b>Hand protection</b>	None necessary under normal conditions of use. Wear appropriate gloves if handling large quantities.
<b>Other</b>	None necessary under normal conditions of use.
<b>Respiratory protection</b>	Under normal conditions of use respiratory protection is not expected to be required.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations** When using, do not eat, drink or smoke. Keep away from food and drink.

## 9. Physical and chemical properties

**Appearance** Heavy duty hand cleanser containing scrubbing agents.

**Physical state** Liquid.

**Form** Liquid gel.

**Colour** Yellow.

**Odour** Citrus

**Odour threshold** Not available.

**pH** 6 - 7

**Melting point/freezing point** Not available.

**Initial boiling point and boiling range** Not available.

**Flash point** Not available.

**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.

**Vapour pressure** Not available.

**Vapour density** Not available.

**Relative density** Not available.

### Solubility(ies)

**Solubility (water)** Not available.

**Partition coefficient (n-octanol/water)** Not available.

**Auto-ignition temperature** Not available.

**Decomposition temperature** Not available.

**Viscosity** Not available.

### Other information

**Specific gravity** 1.01 g/ml @ 25° C

## 10. Stability and reactivity

**Reactivity** No dangerous reactions known under conditions of normal use.

**Chemical stability** Stable at normal conditions.

**Possibility of hazardous reactions** No dangerous reaction known under conditions of normal use.

<b>Conditions to avoid</b>	Contact with incompatible materials. Extremes of temperature and direct sunlight.
<b>Incompatible materials</b>	Strong oxidizers. Reducing Agents. Strong acids and strong bases.
<b>Hazardous decomposition products</b>	May include irritating fumes or gases. May include oxides of carbon, sodium, and potassium.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	No effects expected under normal conditions of use.
<b>Skin contact</b>	No effects expected under normal conditions of use. Prolonged skin contact may cause temporary irritation.
<b>Eye contact</b>	Causes serious eye irritation.
<b>Ingestion</b>	Not applicable under normal conditions of use. May cause gastrointestinal irritation if ingested.

<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
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### Information on toxicological effects

#### Acute toxicity

Components	Species	Test results
Hexylene glycol (CAS 107-41-5)		
<b>Acute</b>		
<b>Oral</b>		
LD50	Rat	3692 mg/kg
POTASSIUM HYDROXIDE (CAS 1310-58-3)		
<b>Acute</b>		
<b>Oral</b>		
LD50	Rat	214 mg/kg

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

<b>Skin corrosion/irritation</b>	Prolonged skin contact may cause temporary irritation.
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<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.
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#### Respiratory or skin sensitisation

##### Canada - Alberta OELs: Irritant

Hexylene glycol (CAS 107-41-5)	Irritant
POTASSIUM HYDROXIDE (CAS 1310-58-3)	Irritant

<b>Respiratory sensitisation</b>	Not a respiratory sensitizer.
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<b>Skin sensitisation</b>	This product is not expected to cause skin sensitisation.
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<b>Germ cell mutagenicity</b>	Not hazardous under normal conditions of use.
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<b>Carcinogenicity</b>	Not classified.
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<b>Reproductive toxicity</b>	Not classified.
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<b>Specific target organ toxicity - single exposure</b>	Not classified.
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<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
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<b>Aspiration hazard</b>	Not an aspiration hazard.
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<b>Chronic effects</b>	Not hazardous under normal conditions of use.
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<b>Further information</b>	Symptoms may be delayed.
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## 12. Ecological information

<b>Ecotoxicity</b>	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
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Product	Species		Test results
enMotion® High Frequency Use Foam Handwash			
<b>Aquatic</b>			
Crustacea	EC50	Daphnia	55500 mg/l, 48 hours estimated
<b>Components</b>	<b>Species</b>		<b>Test results</b>
Hexylene glycol (CAS 107-41-5)			
<b>Aquatic</b>			
Crustacea	EC50	Daphnia	3200 mg/l, 48 Hours
		Water flea (Ceriodaphnia reticulata)	2400 - 3200 mg/l, 48 hours
Fish	LC50	Bleak (Alburnus alburnus)	7000 - 9100 mg/l, 96 hours
POTASSIUM HYDROXIDE (CAS 1310-58-3)			
<b>Aquatic</b>			
Fish	LC50	Western mosquitofish (Gambusia affinis)	80 mg/l, 96 hours

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential**

**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** Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging** Empty packaging/container can be disposed in accordance with all applicable regulations.

### 14. Transport information

#### TDG

Not regulated as dangerous goods.

#### IATA

Not regulated as dangerous goods.

#### IMDG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not established.

### 15. Regulatory information

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

#### Controlled Drugs and Substances Act

Not regulated.

#### Export Control List (CEPA 1999, Schedule 3)

Not listed.

#### Greenhouse Gases

Not listed.

#### Precursor Control Regulations

Not regulated.

#### International regulations

**Stockholm Convention**

Not applicable.

**Rotterdam Convention**

Not applicable.

**Kyoto protocol**

Not applicable.

**Montreal Protocol**

Not applicable.

**Basel Convention**

Not applicable.

**16. Other information****Issue date**

05-03-2018

**Version No.**

01

**Further information**

HMIS® is a registered trade and service mark of the NPCA.

**Disclaimer**

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.

**Revision information**

Product and Company Identification: Product Codes  
Composition / Information on Ingredients: Ingredients  
Physical & Chemical Properties: Multiple Properties  
Toxicological Information: Toxicological Data  
Ecological Information: Ecotoxicity  
HazReg Data: International Inventories  
GHS: Classification