

SECTION 1: Identification

1.1. Product identifier

Product name : NATURAL FOAMING HAND WASH

Product code : A300020

1.2. Recommended use and restrictions on use

Recommended use : Foaming hand soap

Restrictions on use : Food Plant, Industrial and Institutional use only

1.3. Supplier

Project Clean Inc.

12 James St N, Suite 202

Hamilton, ON L8R 2J9

Canada

T 1 800 663 9925

regulatory@projectclean.com - www.projectclean.ca

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Canada	CHEMTREC Chemical Emergency	www.chemtrec.com	1 800 424 9300	24hr/day 7days/week within USA and Canada
Canada	CANUTEC Transportation Emergency	www.canutec.com	1 888 226 8832 *666 on a cell phone	24hr/day 7days/week within USA and Canada

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Serious eye damage/eye irritation, Category 2 H319 Causes serious eye irritation

Full text of H-statements: see section 16

2.2. GHS Label elements, including precautionary statements

GHS CA labelling

Hazard pictograms (GHS CA) :



Signal word (GHS CA) : Warning

NATURAL FOAMING HAND WASH

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Hazard statements (GHS CA) : H319 - Causes serious eye irritation
Precautionary statements (GHS CA) : Avoid contact with eyes
P264 - Wash hands, forearms and face thoroughly after handling.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice or attention.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS CA)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	% w/w
Sulfuric acid monoalkyl(C=10-16) esters, sodium salts	Sulfuric acid monoalkyl(C=10-16) esters, sodium salts	CAS-No.: 68585-47-7	1 – 5
Glycerol	1,2,3-Propane triol	CAS-No.: 56-81-5	0,5 – 1,5

**The exact concentrations have been withheld as a trade secret. Les concentrations exactes ont été retenues en tant que secret commercial.*

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Wash skin with plenty of water.
First-aid measures after 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 or attention.
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.
First-aid measures general : If you feel unwell, seek medical advice.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation : None under normal conditions.
Symptoms/effects after skin contact : None under normal conditions.
Symptoms/effects after eye contact : Eye irritation.

NATURAL FOAMING HAND WASH

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Symptoms/effects after ingestion : None under normal conditions.
Chronic symptoms : No effects known.
Expected Symptoms/Effects, Acute and Delayed : Eye irritation.

4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Unsuitable extinguishing media

Unsuitable extinguishing media : Do not use a heavy water stream.

5.3. Specific hazards arising from the hazardous product

Fire hazard : No fire hazard.
Explosion hazard : No direct explosion hazard.
Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.4. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.
Absorb spillage to prevent material damage.

6.1.1. For non-emergency personnel

Protective equipment : Not required for normal conditions of use.
Emergency procedures : Ventilate spillage area. Avoid contact with eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls or personal protection".
Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment.

NATURAL FOAMING HAND WASH

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

6.3. Methods and material for containment and cleaning up

- For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
- Methods for cleaning up : Take up liquid spill into absorbent material.
- Other information : Dispose of materials or solid residues at an authorized site.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with eyes.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
- Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Keep in a cool, well-ventilated place away from heat.
- Storage conditions : Keep cool. Protect from sunlight.
- Incompatible products : Strong oxidizing agents. Strong reducing agents. Strong bases.
- Packaging materials : Store always product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Glycerol (56-81-5)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	Glycerin mist
OEL TWA	10 mg/m ³
Notations and remarks	Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.
Regulatory reference	Alberta Regulation 191/2021
Canada (Quebec) - Occupational Exposure Limits	
Local name	Glycerin (mist)
VEMP (OEL TWA _{EV})	10 mg/m ³

NATURAL FOAMING HAND WASH

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Glycerol (56-81-5)	
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Glycerin - mist
OEL TWA	10 mg/m ³ Total 3 mg/m ³ Respirable
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (New Brunswick) - Occupational Exposure Limits	
Local name	Glycerin mist
Notations and remarks	URT irr
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Glycerin mist
OEL TWA	10 mg/m ³
OEL STEL	20 mg/m ³
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Glycerin mist
OEL TWA	10 mg/m ³
OEL STEL	20 mg/m ³
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
Canada (Ontario) - Occupational Exposure Limits	
Local name	Glycerin mist
OEL TWAEV	10 mg/m ³
Regulatory reference	Ontario Occupational Exposure Limits under Regulation 833
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Glycerin mist
OEL TWA	10 mg/m ³

NATURAL FOAMING HAND WASH

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Glycerol (56-81-5)	
OEL STEL	20 mg/m ³
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10
USA - OSHA - Occupational Exposure Limits	
Local name	Glycerin (mist)
OSHA PEL TWA	15 mg/m ³ (Total dust) 5 mg/m ³ (Respirable fraction)
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Eye protection:

Avoid contact with eyes

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Translucent.
Colour : Colourless
Odour : No added fragrance
Odour threshold : No data available

NATURAL FOAMING HAND WASH

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

pH	: 5 – 6
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Initial boiling point and boiling range	: No data available
Flash point	: No data available
Auto-ignition temperature	: Not self-igniting
Decomposition temperature	: No data available
Upper and lower flammability or explosive limit	: No data available, Not applicable
Vapour pressure	: No data available
Relative vapour density at 20°C	: No data available
Relative density	: 1 – 1,01
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Product is not explosive.
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).
Incompatible materials	: Strong oxidizing agents. Strong reducing agents.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hardening time:	: No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

NATURAL FOAMING HAND WASH

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Sulfuric acid monoalkyl(C=10-16) esters, sodium salts (68585-47-7)

LD50 oral rat > 2000 mg/kg Source: IUCLID, TOMES; LOLI;

Glycerol (56-81-5)

LD50 oral rat 27200 mg/kg (OECD 401: Acute Oral Toxicity, Rat, Female, Experimental value, Oral, 10 day(s))

LD50 dermal 56750 mg/kg (4 day(s), Guinea pig, Male / female, Experimental value, Dermal, 14 day(s))

LC50 Inhalation - Rat > 2,75 mg/l (4 h, Rat, Male, Experimental value, Converted value, Inhalation (vapours))

LC50 Inhalation - Rat (Vapours) > 2,75 mg/l Source: ECHA

ATE CA (oral) 27200 mg/kg bodyweight

ATE CA (Dermal) 56750 mg/kg bodyweight

ATE CA (dust,mist) 1,5 mg/l/4h

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

Likely routes of exposure : Skin and eyes contact.

Expected Symptoms/Effects, Acute and Delayed : Eye irritation.

Symptoms/effects after inhalation : None under normal conditions.

Symptoms/effects after skin contact : None under normal conditions.

Symptoms/effects after eye contact : Eye irritation.

Symptoms/effects after ingestion : None under normal conditions.

Chronic symptoms : No effects known.

NATURAL FOAMING HAND WASH

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified.

Hazardous to the aquatic environment, long-term (chronic) : Not classified.

NATURAL FOAMING HAND WASH	
Partition coefficient n-octanol/water (Log Pow)	No data available
Sulfuric acid monoalkyl(C=10-16) esters, sodium salts (68585-47-7)	
Partition coefficient n-octanol/water (Log Pow)	2,18 Source: EPISUITE
Glycerol (56-81-5)	
LC50 - Fish [1]	54000 mg/l (96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, Lethal)
EC50 - Crustacea [1]	> 10000 mg/l (24 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)
Partition coefficient n-octanol/water (Log Pow)	-1,75 (Experimental value, Equivalent or similar to OECD 107, 25 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0 (log Koc, SRC PCKOCWIN v2.0, Calculated value)

12.2. Persistence and degradability

NATURAL FOAMING HAND WASH

Persistence and degradability : Contains readily biodegradable component(s).

Glycerol (56-81-5)	
Persistence and degradability	Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0,87 g O ₂ /g substance
Chemical oxygen demand (COD)	1,16 g O ₂ /g substance
ThOD	1,217 g O ₂ /g substance

12.3. Bioaccumulative potential

NATURAL FOAMING HAND WASH

Bioaccumulative potential : No test data of component(s) available.

NATURAL FOAMING HAND WASH

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

NATURAL FOAMING HAND WASH

Partition coefficient n-octanol/water (Log Pow) No data available

Sulfuric acid monoalkyl(C=10-16) esters, sodium salts (68585-47-7)

Partition coefficient n-octanol/water (Log Pow) 2,18 Source: EPISUITE

Glycerol (56-81-5)

Bioaccumulative potential Not bioaccumulative.

Partition coefficient n-octanol/water (Log Pow) -1,75 (Experimental value, Equivalent or similar to OECD 107, 25 °C)

Organic Carbon Normalized Adsorption Coefficient (Log Koc) 0 (log Koc, SRC PCKOCWIN v2.0, Calculated value)

12.4. Mobility in soil

NATURAL FOAMING HAND WASH

Ecology - soil No (test) data on mobility of the substance available.

Partition coefficient n-octanol/water (Log Pow) No data available

Sulfuric acid monoalkyl(C=10-16) esters, sodium salts (68585-47-7)

Mobility in soil 196,1

Partition coefficient n-octanol/water (Log Pow) 2,18 Source: EPISUITE

Glycerol (56-81-5)

Surface tension 63,4 mN/m (20 °C, 1000 g/l)

Ecology - soil Highly mobile in soil.

Organic Carbon Normalized Adsorption Coefficient (Log Koc) 0 (log Koc, SRC PCKOCWIN v2.0, Calculated value)

Partition coefficient n-octanol/water (Log Pow) -1,75 (Experimental value, Equivalent or similar to OECD 107, 25 °C)

12.5. Other adverse effects

Ozone : Not classified

NATURAL FOAMING HAND WASH

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional waste regulation	:	Disposal must be done according to official regulations.
Waste treatment methods	:	Dispose of contents and or container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	:	Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	:	Disposal must be done according to official regulations.
Additional information	:	Do not re-use empty containers.
Ecological waste information	:	Avoid release to the environment.

SECTION 14: Transport information

TDG	IMDG	IATA
14.1. UN number		
Not regulated for transport		
14.2. Proper Shipping Name		
Not applicable	Not applicable	Not applicable
Transport document description		
Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)		
Not applicable	Not applicable	Not applicable
14.4. Packing group		
Not applicable	Not applicable	Not applicable
14.5. Environmental hazards		
Not applicable	Not applicable	Not applicable
No supplementary information available		

14.6. Special precautions for user

TDG, IMDG, IATA
No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

NATURAL FOAMING HAND WASH

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

SECTION 15: Regulatory information

15.1. National regulations

Sulfuric acid monoalkyl(C=10-16) esters, sodium salts (68585-47-7)

Listed on the Canadian DSL (Domestic Substances List)

Glycerol (56-81-5)

Listed on the Canadian DSL (Domestic Substances List)

15.2. International regulations

Sulfuric acid monoalkyl(C=10-16) esters, sodium salts (68585-47-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Glycerol (56-81-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

SECTION 16: Other information

Issue date : 06-13-2025

Full text of hazard classes and H-statements:

H319	Causes serious eye irritation
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It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. Project Clean Inc. will accept no liability for damages or loss incurred from the improper handling and use of this product.

The information provided in the Safety Data Sheet has been obtained from current sources and is believed to be reliable.