

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Foaming Hand Wash - All Fragrances

1.2. Recommended use and restrictions on use

Recommended use : Consumer use, Personal Care

1.3. Supplier

Method Products, pbc
637 Commercial Street
Suite 300
San Francisco, CA 94111 - USA
T 8669638463
nicole@peopleagainstdirty.com

1.4. Emergency telephone number

Emergency number : CHEMTREC - 1-800-424-9300
(U.S./ Canada) or 1-703-527-3887

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Not classified

2.2. GHS Label elements, including precautionary statements

GHS-US labeling

No labeling applicable

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Sodium Lauryl Sulfate	(CAS-No.) 68585-47-7	5 - 10
Sodium Lauryl Sulfate	(CAS-No.) 151-21-3	5 - 10
Cocamidopropyl Betaine	(CAS-No.) 61789-40-0	1 - 5

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 general : If symptoms persist, call a physician.
First-aid measures after inhalation : Remove to fresh air.
First-aid measures after skin contact : Wash immediately with lots of water.
First-aid measures after eye contact : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
First-aid measures after ingestion : Do NOT induce vomiting. Rinse mouth out with water. Drink plenty of water. Get immediate medical advice/attention.

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

No additional information available

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4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2. Specific hazards arising from the chemical

Reactivity : None.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Wear self contained breathing apparatus for fire fighting if necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

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/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Other information : Recycle product or dispose safely.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with eyes. Keep container closed when not in use.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of reach of children. Store in dry, cool, well-ventilated area.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Sodium Lauryl Sulfate (151-21-3)

Not applicable

Cocamidopropyl Betaine (61789-40-0)

Not applicable

Sodium Lauryl Sulfate (68585-47-7)

Not applicable

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

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

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Color	: Coloured
Odor	: Pleasant odour
Odor threshold	: No data available
pH	: 5 - 6.5
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

None.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None known based on information supplied.

10.4. Conditions to avoid

None known based on information supplied.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

None known based on information supplied.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Sodium Lauryl Sulfate (151-21-3)	
LD50 oral rat	1288 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Literature study; 977 mg/kg bodyweight; Rat; OECD 401: Acute Oral Toxicity; Experimental value; 1427 mg/kg bodyweight; Rat; Experimental value)
LD50 dermal rat	< 2000 mg/kg (Rat; Literature study)
LD50 dermal rabbit	> 580 mg/kg (Rabbit; Read-across; Equivalent or similar to OECD 402; >2000 mg/kg bodyweight; Rabbit)
LC50 inhalation rat (mg/l)	> 3900 mg/m ³ (Exposure time: 1 h)
ATE US (oral)	1288 mg/kg body weight
ATE US (dermal)	300 mg/kg body weight

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Cocamidopropyl Betaine (61789-40-0)	
LD50 oral rat	> 10000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
Sodium Lauryl Sulfate (68585-47-7)	
LD50 oral rat	> 2000 mg/kg
Skin corrosion/irritation	: Not classified pH: 5 - 6.5
Serious eye damage/irritation	: Not classified pH: 5 - 6.5
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: Not classified
Specific target organ toxicity – repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Sodium Lauryl Sulfate (151-21-3)	
LC50 fish 1	8 - 12.5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	1.8 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	15 - 18.9 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
Cocamidopropyl Betaine (61789-40-0)	
LC50 fish 1	1.0 - 10.0 mg/l (Exposure time: 96 h - Species: Brachydanio rerio)
EC50 Daphnia 1	6.5 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	2 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])

12.2. Persistence and degradability

Sodium Lauryl Sulfate (151-21-3)	
Persistence and degradability	Readily biodegradable in water. Highly mobile in soil.

12.3. Bioaccumulative potential

Sodium Lauryl Sulfate (151-21-3)	
BCF fish 1	3.9 - 5.3 (BCF; 72 h)
BCF fish 2	7.15 (BCF)
Log Pow	<= -2.03 (Calculated; OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method; 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

12.4. Mobility in soil

Sodium Lauryl Sulfate (151-21-3)	
Surface tension	0.0252 N/m (23 °C; 1 g/l)
Log Koc	Koc, SRC PCKOCWIN v2.0; 35.13; Experimental value; log Koc; SRC PCKOCWIN v2.0; 1.545; Experimental value

12.5. Other adverse effects

Effect on the global warming : No known effects from this product.

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GWPmix comment : No known effects from this product.

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Must follow special treatment according to local regulation. Recover or recycle if possible.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated

Transportation of Dangerous Goods

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

SECTION 15: Regulatory information

15.1. US Federal regulations

Sodium Lauryl Sulfate (151-21-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Cocamidopropyl Betaine (61789-40-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Sodium Lauryl Sulfate (68585-47-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

Sodium Lauryl Sulfate (151-21-3)

Listed on the Canadian DSL (Domestic Substances List)

Cocamidopropyl Betaine (61789-40-0)

Listed on the Canadian DSL (Domestic Substances List)

Sodium Lauryl Sulfate (68585-47-7)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

Sodium Lauryl Sulfate (151-21-3)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Cocamidopropyl Betaine (61789-40-0)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Sodium Lauryl Sulfate (68585-47-7)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

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Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

Sodium Lauryl Sulfate (151-21-3)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Japanese Pollutant Release and Transfer Register Law (PRTR Law)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

Cocamidopropyl Betaine (61789-40-0)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

Sodium Lauryl Sulfate (68585-47-7)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

15.3. US State regulations

No additional information available

SECTION 16: Other information

Full text of H-phrases:

H302	Harmful if swallowed
H311	Toxic in contact with skin
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H401	Toxic to aquatic life

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product