



Pearl Hand Wash

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard and the Hazardous Products Regulation (WHMIS 2015)

Issue date: 6/21/2023 Revision date: 11/26/2024 Supersedes: 6/21/2023 Version: 2.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Trade name : Pearl Hand Wash
Product code : EC3155, EC3130, EC3105, EC3101, EC310Q

1.2. Recommended use and restrictions on use

Recommended use : Automotive Care Products, Cleaner
Restrictions on use : None known

1.3. Supplier

P&S Sales, Inc.
20943 Cabot Blvd.
Hayward, CA 94545
T 510-732-2628
dave@pssales.com

1.4. Emergency telephone number

Emergency number : 1-800-255-3924

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Eye irritation Category 2A

Causes serious eye irritation

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US)

:



Signal word (GHS US)

: Warning

Hazard statements (GHS US)

: Causes serious eye irritation

Precautionary statements (GHS US)

: Wash hands thoroughly after handling.

Wear eye protection.

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.

2.3. Other hazards which do not result in classification

Other hazards which do not result in classification : None known.

2.4. Unknown acute toxicity (GHS US)

No additional information available

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SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Sodium C14-16 olefin sulfonate	CAS-No.: 68439-57-6	1 – 5
Sodium 2-(2-dodecyloxyethoxy)ethyl sulphate	CAS-No.: 3088-31-1	1 – 5
Lauramine Oxide	CAS-No.: 1643-20-5	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	: Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation	: No first aid should be needed.
First-aid measures after skin contact	: No first aid should be needed.
First-aid measures after eye contact	: Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Call a poison center or a doctor if you feel unwell.

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

Inhalation	: May cause minor irritation to the respiratory tract and to other mucous membranes.
Skin	: May cause slight irritation to the skin.
Eyes	: Causes serious eye irritation.
Ingestion	: May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic symptoms	: None known.

4.3. Immediate medical attention and special treatment, if necessary

Not required.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: None.

5.2. Specific hazards arising from the chemical

Fire hazard	: This product is not classified as flammable or combustible.
Hazardous decomposition products in case of fire	: Toxic fumes may be released. Carbon oxides (CO, CO2). Sulfur oxides (SOx).

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid contact with eyes.

6.1.1. For non-emergency personnel

Emergency procedures : Keep unnecessary and unprotected personnel away from the spillage.

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

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid breathing spray, mist. Wash hands with water and soap. Avoid contact with eyes.

Hygiene measures : Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : No special storage required.

Incompatible materials : None known.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

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

Hand protection:

Not required for normal conditions of use

Eye protection:

Avoid contact with eyes. If there is a risk of liquid being splashed : Chemical goggles or safety glasses

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Skin and body protection:

None under normal conditions

Respiratory protection:

Not required for normal conditions of use. In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Cloudy.
Color	: Yellow
Odor	: citrus-like
Odor threshold	: No data available
pH	: 10
Melting point	: 32 °F
Freezing point	: No data available
Boiling point	: 212 K
Flash point	: None
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not flammable Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: 1.013
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (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	: None.
Oxidizing properties	: None.

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

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10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong oxidizers.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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

Lauramine Oxide (1643-20-5)

LD50 oral rat	> 1065 mg/kg
LD50 dermal rat	> 2000 mg/kg body weight

Sodium C14-16 olefin sulfonate (68439-57-6)

LD50 oral rat	2079 mg/kg
LD50 dermal rabbit	6300 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	> 52 mg/l/4h

Sodium 2-(2-dodecyloxyethoxy)ethyl sulphate (3088-31-1)

LD50 oral	15000 mg/kg body weight Animal: hamster, Guideline: other:
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Skin corrosion/irritation : Not classified
pH: 10

Sodium 2-(2-dodecyloxyethoxy)ethyl sulphate (3088-31-1)

pH	6.47 Temp.: 26 °C Concentration: 1 vol%
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Serious eye damage/irritation : Causes serious eye irritation.
pH: 10

Sodium 2-(2-dodecyloxyethoxy)ethyl sulphate (3088-31-1)

pH	6.47 Temp.: 26 °C Concentration: 1 vol%
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Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

Sodium C14-16 olefin sulfonate (68439-57-6)

NOAEL (chronic,oral,animal/male,2 years)	≥ 195 mg/kg body weight Animal: rat, Animal sex: male, Remarks on results: other:
NOAEL (chronic,oral,animal/female,2 years)	≥ 259 mg/kg body weight Animal: rat, Animal sex: female, Remarks on results: other:

Reproductive toxicity : Not classified

Sodium 2-(2-dodecyloxyethoxy)ethyl sulphate (3088-31-1)

NOAEL (animal/female, F0/P)	300 mg/kg body weight Animal: rabbit, Animal sex: female, Guideline: other:
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STOT-single exposure : Not classified
STOT-repeated exposure : Not classified

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Lauramine Oxide (1643-20-5)	
NOAEL (oral,rat,90 days)	40 mg/kg body weight
Sodium 2-(2-dodecyloxyethoxy)ethyl sulphate (3088-31-1)	
LOAEL (oral,rat,90 days)	250 mg/kg body weight Animal: rat, Guideline: other:
NOAEL (oral,rat,90 days)	50 mg/kg body weight Animal: rat, Guideline: other:
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Sodium 2-(2-dodecyloxyethoxy)ethyl sulphate (3088-31-1)	
Viscosity, kinematic	178.845 mm ² /s
Inhalation	: May cause minor irritation to the respiratory tract and to other mucous membranes.
Skin	: May cause slight irritation to the skin.
Eyes	: Causes serious eye irritation.
Ingestion	: May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic symptoms	: None known.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Harmful to aquatic life.

Lauramine Oxide (1643-20-5)	
LC50 - Fish [1]	134 mg/l Danio rerio (Zebrafish)
EC50 - Crustacea [1]	3.9 mg/l Daphnia magna (Water flea)
LC50 - Fish [2]	31.8 mg/l Danio rerio (Zebrafish)
NOEC (chronic)	0.7 mg/l Daphnia magna (Water flea)
NOEC chronic fish	0.42 mg/l Pimephales promelas (Fathead minnow)
Sodium C14-16 olefin sulfonate (68439-57-6)	
LC50 - Fish [1]	4.2 mg/l Danio rerio (Zebrafish)
EC50 - Crustacea [1]	4.53 mg/l Ceriodaphnia dubia
EC50 72h - Algae [1]	5.2 mg/l Skeletonema costatum (marine diatom)
LOEC (chronic)	20 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	6.3 mg/l Daphnia magna (Water flea)
Sodium 2-(2-dodecyloxyethoxy)ethyl sulphate (3088-31-1)	
LC50 - Fish [1]	25 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 72h - Algae [1]	115.072 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [1]	267.717 mg/l Source: EPISUITE
NOEC (chronic)	20.059 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	36.507 mg/l Test organisms (species): other: Duration: '28 d'

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12.2. Persistence and degradability

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Persistence and degradability	No additional information available.
Lauramine Oxide (1643-20-5)	
Persistence and degradability	Readily biodegradable.
Sodium C14-16 olefin sulfonate (68439-57-6)	
Persistence and degradability	Readily biodegradable.
Sodium 2-(2-dodecyloxyethoxy)ethyl sulphate (3088-31-1)	
Persistence and degradability	Readily biodegradable.

12.3. Bioaccumulative potential

Lauramine Oxide (1643-20-5)	
Bioaccumulative potential	Low bioaccumulation potential.
Sodium 2-(2-dodecyloxyethoxy)ethyl sulphate (3088-31-1)	
Partition coefficient n-octanol/water (Log Pow)	1.14 Source: EPISUITE

12.4. Mobility in soil

Sodium 2-(2-dodecyloxyethoxy)ethyl sulphate (3088-31-1)	
Mobility in soil	34.35 Source: EPISUITE

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional waste regulation	: Dispose of in accordance with applicable federal, state, and local regulations.
Waste treatment methods	: Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
Not regulated	Not regulated	Not regulated
14.2. Proper Shipping Name		
Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)		
Not regulated	Not regulated	Not regulated

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DOT	IMDG	IATA
14.4. Packing group		
Not regulated	Not regulated	Not regulated
14.5. Environmental hazards		
Not regulated	Not regulated	Not regulated
No supplementary information available		

14.6. Special precautions for user

DOT
Not regulated

IMDG
Not regulated

IATA
Not regulated

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

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Pearl Hand Wash	
SARA Section 311/312 Hazard Classes	Refer to Section 2 for OSHA Hazard Classification.

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

Lauramine Oxide (1643-20-5)
Listed on the Canadian DSL (Domestic Substances List)

Sodium C14-16 olefin sulfonate (68439-57-6)
Listed on the Canadian DSL (Domestic Substances List)

Sodium 2-(2-dodecyloxyethoxy)ethyl sulphate (3088-31-1)
Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations
No additional information available

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National regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information

According to 29CFR 1910.1200 OSHA Hazard Communication Standard and the Hazardous Products Regulation (WHMIS 2015)

Revision date : 11/26/2024

Safety Data Sheet (SDS), USA

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.