Pearlfresh Perfumed Dispenser Soap

Safety Data Sheet

According to regulation (EU) No. 2015/830 and regulation (EC) No. 1272/2008

Revision date: 19/08/2015 Date of issue: 19/08/2015 Version: 1.1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture

Product Name : Pearlfresh Perfumed Dispenser Soap

Product code : KE86

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/mixture : Hand soap for use in soap dispenser. For professional use only.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

1.4. Emergency telephone number

Emergency number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Eye Dam. 1 H318

Skin Irrit. 3 H316

Full text of H-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :

GHS05

Signal word (CLP) : Danger

Hazard statements (CLP) : H316 - Causes mild skin irritation
H318 - Causes serious eye damage

Precautionary statements (CLP) : P280 - Wear protective gloves, protective clothing, and eye protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER or doctor.
P332+P313 - If skin irritation occurs: Get medical advice/attention

2.3. Other hazards

Other hazards not contributing to the classification : Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

Results of PBT and vPvB assessment : This substance/mixture does not meet the PBT or vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Water	(CAS No) 7732-18-5 (EC no) 231-791-2	85,01	Not classified
Sodium chloride	(CAS No) 7647-14-5 (EC no) 231-598-3	5	Not classified
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	(CAS No) 68891-38-3 (EC no) 500-234-8	5,40 – 5,41	Skin Irrit. 2, H315 Eye Dam. 1, H318
Amides, C8-18 and C18-unsaturated, N,N-bis(hydroxyethyl)	(CAS No) 68155-07-7 (EC no) 268-935-9;931-329-6	0,41 - 0,77	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411
Diethanolamine	(CAS No) 111-42-2 (EC no) 203-868-0 (EC index no) 603-071-00-1	0,2 - 0,4	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Carc. 2, H351 STOT RE 2, H373 Aquatic Chronic 3, H412
C.I. Acid Red 52	(CAS No) 3520-42-1 (EC no) 222-529-8	0,003	Not classified
Citric Acid	(CAS No) 77-92-9	0,1	Eye Irrit. 2A, H319
Lauric acid	(CAS No) 143-07-7 (EC no) 205-582-1	0,03 - 0,1	Eye Dam. 1, H318

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

First-aid measures after inhalation : Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

First-aid measures after skin contact : Rinse immediately with plenty of water. Remove contaminated clothing. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops or persists.

First-aid measures after eye contact : Rinse cautiously with water for at least 60 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

First-aid measures after ingestion : Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : Causes serious eye damage.

Symptoms/injuries after inhalation : May cause respiratory irritation.

Symptoms/injuries after skin contact : May cause skin irritation.

Symptoms/injuries after eye contact : Causes serious eye damage.

Symptoms/injuries after ingestion : Ingestion is likely to be harmful or have adverse effects.

Chronic symptoms : None expected under normal conditions of use.

4.3. Indication of any immediate medical attention and special treatment needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media : Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Not considered flammable but may burn at high temperatures.

Explosion hazard : Product is not explosive.

Reactivity : Hazardous reactions will not occur under normal conditions.

5.3. Advice for firefighters

Precautionary measures fire : Exercise caution when fighting any chemical fire.
Firefighting instructions : Use water spray or fog for cooling exposed containers.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.
Other information : Refer to Section 9 for flammability properties.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid all contact with skin, eyes, or clothing. Avoid breathing vapour, mist, or spray.

6.1.1. For non-emergency personnel

Protective equipment : Use appropriate personal protection equipment (PPE).
Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.
Emergency procedures : Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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 : Clean up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Hygiene measures : Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.
Storage conditions : Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.
Incompatible products : Strong acids. Strong bases. Strong oxidizers.

7.3. Specific end use(s)

Hand soap for use in soap dispenser. For professional use only.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

This product and its constituents do not have any established DNEL or PNEC values.

Sodium chloride (7647-14-5)		
Latvia	OEL TWA (mg/m³)	5 mg/m³
Lithuania	IPRV (mg/m³)	5 mg/m³

Diethanolamine (111-42-2)		
Austria	MAK (mg/m³)	2 mg/m³ (reaction with nitrosating agents can lead to formation of carcinogens N-Nitrosodiethanolamine)
Austria	MAK (ppm)	0,46 ppm (reaction with nitrosating agents can lead to formation of carcinogens N-Nitrosodiethanolamine)
Austria	MAK Short time value (mg/m³)	4 mg/m³

Diethanolamine (111-42-2)		
Austria	MAK Short time value (ppm)	0,92 ppm
Belgium	Limit value (mg/m³)	2 mg/m³
Belgium	Limit value (ppm)	0,46 ppm
Bulgaria	OEL TWA (mg/m³)	10 mg/m³
Croatia	GVI (granična vrijednost izloženosti) (mg/m³)	15 mg/m³
Croatia	GVI (granična vrijednost izloženosti) (ppm)	3 ppm
France	VME (mg/m³)	15 mg/m³
France	VME (ppm)	3 ppm
Greece	OEL TWA (mg/m³)	15 mg/m³
Greece	OEL TWA (ppm)	3 ppm
USA ACGIH	ACGIH TWA (mg/m³)	1 mg/m³ (inhalable fraction and vapor)
Spain	VLA-ED (mg/m³)	2 mg/m³ (reaction with Nitrosating agents can lead to formation of carcinogenic N-Nitrosamines)
Spain	VLA-ED (ppm)	0,46 ppm (reaction with Nitrosating agents can lead to formation of carcinogenic N-Nitrosamines)
Switzerland	VLE (mg/m³)	1 mg/m³ (inhalable dust)
Switzerland	VME (mg/m³)	1 mg/m³ (inhalable dust)
Czech Republic	Expoziční limity (PEL) (mg/m³)	5 mg/m³
Denmark	Grænseværdie (langvarig) (mg/m³)	2 mg/m³
Denmark	Grænseværdie (langvarig) (ppm)	0,46 ppm
Estonia	OEL TWA (mg/m³)	5 mg/m³
Estonia	OEL TWA (ppm)	3 ppm
Estonia	OEL STEL (mg/m³)	30 mg/m³
Estonia	OEL STEL (ppm)	6 ppm
Finland	HTP-arvo (8h) (mg/m³)	2 mg/m³
Finland	HTP-arvo (8h) (ppm)	0,46 ppm
Ireland	OEL (8 hours ref) (mg/m³)	1 mg/m³ (inhalable fraction and vapour)
Ireland	OEL (15 min ref) (mg/m3)	3 mg/m³ (calculated-inhalable fraction and vapour)
Lithuania	IPRV (mg/m³)	15 mg/m³
Lithuania	IPRV (ppm)	3 ppm
Lithuania	TPRV (mg/m³)	30 mg/m³
Lithuania	TPRV (ppm)	6 ppm
Norway	Gjennomsnittsverdier (AN) (mg/m³)	15 mg/m³
Norway	Gjennomsnittsverdier (AN) (ppm)	3 ppm
Norway	Gjennomsnittsverdier (Korttidsverdi) (mg/m3)	15 mg/m³
Norway	Gjennomsnittsverdier (Korttidsverdi) (ppm)	3 ppm
Poland	NDS (mg/m³)	9 mg/m³
Slovenia	OEL TWA (mg/m³)	15 mg/m³ (inhalable fraction)
Sweden	nivågränsvärde (NVG) (mg/m³)	15 mg/m³
Sweden	nivågränsvärde (NVG) (ppm)	3 ppm
Sweden	kortidsvärde (KTV) (mg/m³)	30 mg/m³

Diethanolamine (111-42-2)		
Sweden	kortidsvärde (KTV) (ppm)	6 ppm
Portugal	OEL TWA (mg/m³)	2 mg/m³
Portugal	OEL chemical category (PT)	skin - potential for cutaneous exposure

8.2. Exposure controls

Appropriate engineering controls : Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Personal protective equipment : Protective goggles. Gloves. Protective clothing.

Materials for protective clothing : Chemically resistant materials and fabrics.

Hand protection : Wear chemically resistant protective gloves.

Eye protection : Chemical goggles or safety glasses.

Skin and body protection : Wear suitable protective clothing.

Respiratory protection : Use an approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Environmental exposure controls : Do not allow the product to be released into the environment.

Consumer exposure controls : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Pearlized pink
Odour	: Floral
Odour threshold	: No data available
pH	: 7 - 7,5
Evaporation rate	: No data available
Melting point	: 0 °C (32 °F)
Freezing point	: No data available
Boiling point	: 100 °C (212 °F)
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 1.03 (Water=1)
Solubility	: Water: Complete
Partition coefficient: n-octanol/water	: No data available
Viscosity	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions
Hazardous polymerization will not occur.

10.4. Conditions to avoid
Direct sunlight. Extremely high or low temperatures. Ignition sources. Incompatible materials.

10.5. Incompatible materials
Strong acids. Strong bases. Strong oxidizers.

10.6. Hazardous decomposition products
Carbon oxides (CO, CO_2).

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity : Not classified

Sodium chloride (7647-14-5)	
LD50 oral rat	3 g/kg
LC50 inhalation rat (mg/l)	> 42 g/m³ (Exposure time: 1 h)

Diethanolamine (111-42-2)	
LD50 oral rat	1820 mg/kg

Lauric acid (143-07-7)	
LD50 oral rat	12 g/kg

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Causes serious eye damage.
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

Diethanolamine (111-42-2)	
IARC group	2B

Reproductive toxicity : Not classified
Specific target organ toxicity (single exposure) : Not classified
Specific target organ toxicity (repeated exposure) : Not classified
Aspiration hazard : Not classified
Symptoms/Injuries After Inhalation : May cause respiratory irritation.
Symptoms/Injuries After Skin Contact : May cause skin irritation.
Symptoms/Injuries After Eye Contact : Causes serious eye irritation.
Symptoms/Injuries After Ingestion : Ingestion is likely to be harmful or have adverse effects.
Chronic Symptoms : None expected under normal conditions of use.

SECTION 12: Ecological information

12.1. Toxicity

Sodium chloride (7647-14-5)	
LC50 fish 1	5560 (5560 - 6080) mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through])
EC50 Daphnia 1	1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	12946 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 2	340,7 (340,7 - 469,2) mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

Diethanolamine (111-42-2)	
LC50 fish 1	4460 (4460 - 4980) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	55 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	1200 (1200 - 1580) mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 other aquatic organisms 2	2,1 (2,1 - 2,3) mg/l (Exposure time: 96 h - Species: Pseudokirchneriella subcapitata)
ErC50 (algae)	2,2 mg/l (Exposure time: 96 h - Species: Pseudokirchnerella subcapitata [Static])

Diethanolamine (111-42-2)	
NOEC chronic crustacea	0,78 mg/l

12.2. Persistence and degradability
No additional information available

12.3. Bioaccumulative potential

Sodium chloride (7647-14-5)	
BCF fish 1	(no bioaccumulation)

Diethanolamine (111-42-2)	
BCF fish 1	(no significant bioconcentration)
Log Pow	-2,18 (at 25 °C)

12.4. Mobility in soil
No additional information available

12.5. Results of PBT and vPvB assessment
No additional information available

12.6. Other adverse effects
No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Waste disposal recommendations : Dispose of waste material in accordance with all local, regional, national, and international regulations.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information
In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not regulated for transport				
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No

14.6. Special precautions for user
No additional information available

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. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations
This product is classified according to regulation (EU) No. 2015/830 and regulation (EC) No. 1272/2008.
Contains no substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

15.1.2. National regulations
No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Revision date : 17/07/2015

Data sources : According to regulation (EU) No. 2015/830 and regulation (EC) No. 1272/2008

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
H302	Harmful if swallowed
H315	Causes skin irritation
H316	Causes mild skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H351	Suspected of causing cancer
H373	May cause damage to organs through prolonged or repeated exposure
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

EU GHS SDS

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.