Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2015/830

SAFETY DATA SHEET

Assorted Detergent Liquid

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

1.1 Product identifier

Product name	:	SOCLEAN LAUNDRY LIQUID 10 LITRE
Product code	:	47441
Product description	:	Liquid
Product type	:	Laundry
Other means of identification	:	

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

Identified uses
Consumer uses

1.3 Details of the supplier of the safety data sheet

Gompels Healthcare
1 Swift Way
Melksham SN12 6GX

:

National contact

Not available.

1.4 Emergency telephone number

National advisory body/Poison Center

Telephone number	:	Not applicable in United Kingdom and Ireland

Supplier

Telephone number : 0345 450 2420
Hours of operation :
Information limitations :

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

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

Skin Corr./Irrit. 2 H315
Eye Dam./Irrit. 1 H318
Aquatic Chronic 3 H412

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.
See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Hazard pictograms :

Signal word : Danger
Hazard statements : Causes skin irritation.
Causes serious eye damage.
Harmful to aquatic life with long lasting effects.

Precautionary statements

General : P102 Keep out of reach of children.

Prevention : P280 Wear eye or face protection.
P273 Avoid release to the environment.

Response : P302 IF ON SKIN:
P352 Wash with plenty of water.
P305 IF IN EYES:
P351 Rinse cautiously with water for several minutes.
P338 Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or physician.
P332 + P313 If skin irritation occurs, get medical advice/attention.

Storage : Not applicable.

Disposal : Dispose of used up container in accordance with local regulations.

Hazardous ingredients : C12-15 Pareth-7

MEA-Dodecylbenzenesulfonate

Supplemental label elements : Contains 2-Methylundecanal, 4-TERT-BUTYLCYCLOHEXYL ACETATE, BENZYL SALICYLATE, CITRONELLOL, HEXYL CINNAMAL, HEXYL SALICYLATE, ISOEUGENOL, LIMONENE, Linalool, Pentamethylheptenone, ROSE KETONE-3, Subtilisin, TETRAHYDRALINALOOL, Tetramethyl acetyloctahydronaphthalenes

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles : Not applicable.

Special packaging requirements

Containers to be fitted with child-resistant fastenings : Not applicable.

Tactile warning of danger : Not applicable.

2.3 Other hazards

Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII : Not applicable.

Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII : Not applicable.

Other hazards which do not result in classification : Not available.

SECTION 3: Composition/information on ingredients

Substance/mixture : Mixture

Product/ingredient name	Identifiers	%	Regulation (EC) No. 1272/2008 [CLP]	Type
C12-15 Pareth-7	EC : 500-195-7 CAS : 68131-39-5	>= 10 - <= 25	Acute Tox. 4, H302 Eye Dam./Irrit. 1, H318 Aquatic Chronic 3, H412	[1]
Glycerin	RRN : 01-2119471987-18 EC : 200-289-5 CAS : 56-81-5	>= 10 - <= 25		[2]
MEA-	CAS : 99924-49-9	>= 10 - <= 25	Acute Tox. 4, H302	[1]

Dodecylbenzenesulfonate			Skin Corr./Irrit. 2, H315 Eye Dam./Irrit. 1, H318 Aquatic Chronic 3, H412	
Propylene glycol	RRN : 01-2119456809-23 EC : 200-338-0 CAS : 57-55-6	>= 10 - <= 25		[2]
Tetrahydrolinalool	EC:201-133-9 CAS : 78-69-3 Index:	>=0 - <1	Eye Dam./Irrit. 2, H319 Skin Corr./Irrit. 2, H315 Skin Sens. 1B, H317	[1]
ROSE KETONE-3	EC:260-709-8 CAS : 57378-68-4 Index:	>=0 - <1	Acute Tox. 4, H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Skin Corr./Irrit. 2, H315 Skin Sens. 1A, H317	[1]
2-Methylundecanal	RRN : 01-2119969443-29 EC: 203-765-0 CAS : 110-41-8 Index:	>=0 - <1	Skin Corr./Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 M: 1 Aquatic Chronic 1, H410 M: 1	[1]
LIMONENE	RRN : 01-2119529223-47 EC: 227-813-5 CAS : 5989-27-5 Index:	>=0 - <1	Flam. Liq. 3, H226 Skin Corr./Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	[1]
4-TERT-BUTYLCYCLOHEXYL ACETATE	EC:250-954-9 CAS : 32210-23- 4 Index:	>=0 - <1	Aquatic Chronic 2, H411 Skin Sens. 1B, H317	[1]
HEXYL SALICYLATE	RRN : 01-2119638275-36 EC : 228-408-6 CAS:6259-76-3	>=0 - <1	Skin Corr./Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410 M: 1 Aquatic Acute 1, H400	[1]
BENZYL SALICYLATE	EC : 204-262-9 CAS : 118-58-1	>=0 - <1	Eye Dam./Irrit. 2, H319 Skin Sens. 1B, H317 Aquatic Chronic 3, H412	[1]
HEXYL CINNAMAL	EC : 202-983-3 CAS : 101-86-0	>=0 - <1	Skin Sens. 1B, H317 Aquatic Acute 1, H400	[1]

			Aquatic Chronic 2, H411	
CITRONELLOL	EC: 203-375-0 CAS : 106-22-9 Index:	>=0 - <1	Eye Dam./Irrit. 2A, H319 Skin Corr./Irrit. 2, H315 Skin Sens. 1B, H317	[1]
Subtilisin	RRN : 01-2119480434-38 EC: 232-752-2 CAS : 119-01-7 Index:647-012-00-8	>=0 - <1	Eye Dam./Irrit. 1, H318 STOT SE 3, H335 Skin Corr./Irrit. 2, H315 Resp. Sens. 1, H334	[1]
ISOEUGENOL	EC : 202-590-7 CAS : 97-54-1	>=0 - <1	Skin Sens. 1A, H317 0.01 - 100 %	[1]
Linalool	CAS : 78-70-6 EC : 201-134-4	>=0 - <1	Eye Dam./Irrit. 2, H319 Skin Corr./Irrit. 2, H315 Skin Sens. 1B, H317	[1]
Tetramnthyl acetyloctahydronaphthalenes	EC : 259-174-3 CAS:54464-57-2	>=0 - <1	Aquatic Chronic 1, H410 Skin Corr./Irrit. 2, H315 Skin Sens. 1B, H317	[1]
Pentamethylheptenone	CAS: 81786-73-4 EC: 279-822-9	>=0 - <1	Aquatic Chronic 2, H411 Skin Sens. 1B, H317	[1]

Type
[1] Substance classified with a health or environmental hazard
[2] Substance with a workplace exposure limit
[3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
[4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
[5] Substance of equivalent concern
See Section 16 for the full text of the H statements declared above.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.
For confidentiality reasons, the levels of components listed in Section 3 are given in percentage bands. The bandings do not reflect potential variation in composition of this formulation, but are used simply to mask the exact component levels, which we consider to be proprietary information. The classification given in Section 2 and 15 reflects the exact composition of this mixture.
* exempted according to REACH Art. 2(7) and Annex V; Each starting material of the ionic mixture is registered, if required

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Get medical attention immediately. Check for and remove any contact lenses. Call a poison center or physician. Chemical burns must be treated promptly by a physician. Continue to rinse for at least 10 minutes.

Inhalation : Get medical attention immediately. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Loosen tight clothing such as a collar, tie, belt or waistband. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. Maintain an open airway. Call a poison center or physician. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If unconscious, place in recovery position and get medical attention immediately.

Skin contact : Clean shoes thoroughly before reuse. Get medical attention immediately. Wash clothing before reuse. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Remove contaminated clothing and shoes. Flush contaminated skin with plenty of water. Call a poison center or physician. Chemical burns must be treated promptly by a physician. Continue to rinse for at least 10 minutes.

Ingestion : Get medical attention immediately. Never give anything by mouth to an unconscious person. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Loosen tight clothing such as a collar, tie, belt or waistband. Remove dentures if any. Do not induce vomiting unless directed to do so by medical personnel. Maintain an open airway. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Wash out mouth with water. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. If unconscious, place in recovery position and get medical attention immediately. Chemical burns must be treated promptly by a physician.

Protection of first-aiders : It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact : Causes serious eye damage.

Inhalation : No known significant effects or critical hazards.

Skin contact : Causes skin irritation.

Ingestion : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact	:	redness watering Adverse symptoms may include the following: pain
Inhalation	:	No specific data.
Skin contact	:	redness pain or irritation blistering may occur Adverse symptoms may include the following:
Ingestion	:	stomach pains Adverse symptoms may include the following:

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	:	No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	:	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	:	None known.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture	:	In a fire or if heated, a pressure increase will occur and the container may burst. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Hazardous thermal decomposition products	:	Decomposition products may include the following materials: carbon monoxide carbon dioxide

5.3 Advice for firefighters

Special protective actions for fire-fighters	:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	:	Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Additional information : Not available.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : Wear appropriate respirator when ventilation is inadequate. Do not touch or walk through spilled material. Evacuate surrounding areas. No action shall be taken involving any personal risk or without suitable training. Do not breathe vapor or mist. Put on appropriate personal protective equipment. Provide adequate ventilation. Keep unnecessary and unprotected personnel from entering.

For emergency responders : See also the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.

6.2 Environmental precautions

: Water polluting material. May be harmful to the environment if released in large quantities. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

6.3 Methods and materials for containment and cleaning up

Small spill : Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk.

Large spill : Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Wash spillages into an effluent treatment plant or proceed as follows. Contaminated absorbent material may pose the same hazard as the spilled product.

6.4 Reference to other sections

: See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

Protective measures : Empty containers retain product residue and can be hazardous. If during normal use the material presents a respiratory hazard, use only

		with adequate ventilation or wear appropriate respirator. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Avoid release to the environment. Put on appropriate personal protective equipment (see Section 8). Do not ingest. Do not reuse container. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use.
Advice on general occupational hygiene	:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Workers should wash hands and face before eating, drinking and smoking.

7.2 Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Do not store in unlabeled containers. Store locked up. Use appropriate containment to avoid environmental contamination. Keep container tightly closed and sealed until ready for use. Store in accordance with local regulations.

7.3 Specific end use(s)

Recommendations	:	Not available.
Industrial sector specific solutions	:	Not available.

SECTION 8: Exposure controls/personal protection

The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
Propylene glycol	**UK. Health and Safety Commission, EH 40, Workplace exposure limits(1997-01-01)** Notes: Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used. For this substance the classification and labeling was introduced in the 29th Adaptation to Technical Progress of the European Community's Dangerous Substances Directive Time Weighted Average (TWA) 474 mg/m3 , 150 ppmForm: Sum of vapor and particulates **UK. Health and Safety Commission, EH 40, Workplace exposure limits(1997-01-01)** Notes: Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used. For this substance the classification and labeling was introduced in the 29th Adaptation to Technical Progress of the European Community's Dangerous Substances Directive Time Weighted Average (TWA) 10 mg/m3 Form: Particulate matter
Glycerin	**UK. Health and Safety Commission, EH 40, Workplace exposure limits(1997-01-01)** Notes: Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used. For this substance the classification and labeling was introduced in the 29th

	Adaptation to Technical Progress of the European Community's Dangerous Substances Directive Time Weighted Average (TWA) 10 mg/m3 Form: Mist

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNEL/DMEL Summary : Not available.

PNEC Summary : Not available.

8.2 Exposure controls

Appropriate engineering controls : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Individual protection measures

Hygiene measures : Wash contaminated clothing before reusing. Appropriate techniques should be used to remove potentially contaminated clothing. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

Skin protection

Hand protection : For prolonged or repeated handling, use It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Considering the parameters specified by the

		glove manufacturer, check during use that the gloves are still retaining their protective properties. Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Latex gloves.
Body protection	:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	:	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
Environmental exposure controls	:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Form	:	liquid
Color	:	white
Odor	:	perfumed
Odor threshold	:	Not available.
pH	:	8.7 [Conc. (% w/w): 1,000 g/l]
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.
Density	:	Not available
Bulk density	:	Not available
Burning time	:	Not available.
Burning rate	:	Not available.
Upper/lower flammability or explosive limits	:	**Lower:** Not available. **Upper:** Not available.
Vapor pressure	:	Not available.
Vapor density	:	Not available.
Relative density	:	Not available.
Solubility(ies)	:	Not available.
Solubility in water	:	Not available.
Partition coefficient: n-octanol/water	:	Not available.
Auto-ignition temperature	:	Not available.

Decomposition temperature : Not available.
Viscosity : **Dynamic:** 285 mPa.s
Kinematic: Not available.
Explosive properties : Not available.
Oxidizing properties : Not available.

9.2 Other information
SADT : Not available
Aerosol product

Type of aerosol : Not available
Heat of combustion : Not available.

SECTION 10: Stability and reactivity

10.1 Reactivity : No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability : The product is stable.

10.3 Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid : No specific data.

10.5 Incompatible materials : No specific data.

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

Product/ingredient name	Result	Species	Dose	Exposure
C12-15 Pareth-7				
	LD50 Oral	Rat	1,500 mg/kg	-
Remarks - Inhalation:	No applicable toxicity data			
Remarks - Dermal:	No applicable toxicity data			
Glycerin				
	LD50 Oral	Rat	23,000 mg/kg	-
Remarks - Inhalation:	No applicable toxicity data			
Remarks - Dermal:	No applicable toxicity data			
MEA-Dodecylbenzenesulfonate				
	LD50 Oral	Rat	1,080 mg/kg	-
Remarks - Inhalation:	No applicable toxicity data			
Remarks - Dermal:	No applicable toxicity data			
Propylene glycol				
	LD50 Oral	Rat	22,000 mg/kg	-
Remarks - Inhalation:	No applicable toxicity data			
Remarks - Dermal:	No applicable toxicity data			

Conclusion/Summary : Not available.

Acute toxicity estimates

Route	ATE value
Oral	7,716.1 milligram per kilogram

Irritation/Corrosion

Conclusion/Summary
Skin : Causes skin irritation.
Eyes : Causes serious eye damage
Respiratory : Not available.

Sensitization

Conclusion/Summary
Skin : May cause an allergic skin reaction.
Respiratory : Not sensitizing

Mutagenicity

Conclusion/Summary : Not applicable

Carcinogenicity

Conclusion/Summary : No additional remark.

Reproductive toxicity

Conclusion/Summary : Not applicable

Teratogenicity

Conclusion/Summary : Not applicable

Specific target organ toxicity (single exposure)
Not applicable

Specific target organ toxicity (repeated exposure)
Not applicable

Aspiration hazard
Not applicable

Information on the likely routes of exposure : Not applicable

Potential acute health effects

Eye contact : Causes serious eye damage.
Inhalation : No known significant effects or critical hazards.
Skin contact : Causes skin irritation.
Ingestion : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	:	redness watering Adverse symptoms may include the following: pain
Inhalation	:	No specific data.
Skin contact	:	redness pain or irritation blistering may occur Adverse symptoms may include the following:
Ingestion	:	stomach pains Adverse symptoms may include the following:

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects	:	Not available.
Potential delayed effects	:	Not available.

Long term exposure

Potential immediate effects	:	Not available.
Potential delayed effects	:	Not available.

Potential chronic health effects

Conclusion/Summary	:	Not available.
General	:	No known significant effects or critical hazards.
Carcinogenicity	:	No known significant effects or critical hazards.
Mutagenicity	:	No known significant effects or critical hazards.
Teratogenicity	:	No known significant effects or critical hazards.
Developmental effects	:	No known significant effects or critical hazards.
Fertility effects	:	No known significant effects or critical hazards.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
Glycerin			
	Acute LC50 > 205 mg/l	Fish - Fish	96 h

Conclusion/Summary : Harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

Conclusion/Summary : The surfactants used in this mixture are readily biodegradable. The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the

request of a detergent manufacturer.

12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
C12-15 Pareth-7	2.03 - 6.24	-	low
Glycerin	-1.76	-	low
Propylene glycol	-1.07	-	low

12.4 Mobility in soil

Soil/water partition coefficient (KOC) : Not available.

Mobility : Mixture is highly soluble

12.5 Results of PBT and vPvB assessment

PBT : Not available. P:
Not available. B:
Not available. T:

vPvB : Not available. vP:
Not available. vB:

12.6 Other adverse effects : No known significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product

Methods of disposal : Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Hazardous waste : The classification of the product may meet the criteria for a hazardous waste.

Packaging

Methods of disposal : Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. The generation of waste should be avoided or minimized wherever possible.

Special precautions : Empty containers or liners may retain some product residues. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. This material and its container must be disposed of in a safe way.

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number	-	-	-	-
14.2 UN proper shipping name	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.3 Transport hazard class(es)	Not regulated. (-)	Not regulated. (-)	Not regulated. (-)	Not regulated. (-)
14.4 Packing group	-	-	-	-
14.5. Environmental hazards	No.		No.	
Additional information				

14.6 Special precautions for user : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Not available.

SECTION 15: Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH)
Annex XIV - List of substances subject to authorization
Annex XIV: None of the components are listed.

Substances of very high concern: None of the components are listed.

Other EU regulations

Europe inventory : Not determined.
Industrial emissions (integrated pollution prevention and control) - Air : Not listed
Industrial emissions (integrated pollution prevention and control) : Not listed

- Water

Aerosol dispensers :

Not applicable.

Seveso III Directive

This product is not controlled under the Seveso Directive.

National regulations

Remark : No additional remark.

International regulations

Chemical Weapons Convention List Schedule I Chemicals : Not listed

Chemical Weapons Convention List Schedule II Chemicals : Not listed

Chemical Weapons Convention List Schedule III Chemicals : Not listed

15.2 Chemical Safety Assessment : This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

Abbreviations and acronyms :

ATE = Acute Toxicity Estimate
AISE = Association Internationale de la Savonnerie, de la Détergence et des Produits d'Entretien, International Association for Soaps, Detergents and Maintenance Products
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
DNEL = Derived No Effect Level
DMEL = Derived Minimal Effect Level
EUH statement = CLP-specific Hazard statement
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RRN = REACH Registration Number
vPvB = Very Persistent and Very Bioaccumulative

Key literature references and sources for data : Evaluation method used for mixture classification: Calculation method. The acute toxicity (LD50) of this mixture, as given in section 11, has been calculated using the Proportionality Method (Holland, G.H. (1994). Verification of a Mathematical Method for the Estimation of the Acute Ingestion Hazard of Detergent Preparations. Toxic in Vitro, Vol. 8 No. 6 pp1177 – 1183, Elsevier Science Limited, Wielka Brytania.)

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Skin Corr./Irrit. 2, H315	Calculation method

Eye Dam./Irrit. 1, H318	Calculation method
Aquatic Chronic 3, H412	Calculation method

Full text of abbreviated H statements : H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H412 Harmful to aquatic life with long lasting effects.

Full text of classifications [CLP/GHS] :
Acute Tox. 4, H302: ACUTE TOXICITY: oral - Category 4
Skin Corr./Irrit. 2, H315: SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1, H317: SKIN SENSITIZATION - Category 1
Eye Dam./Irrit. 1, H318: SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1
Aquatic Chronic 3, H412: AQUATIC HAZARD (LONG-TERM) - Category 3

Date of printing : 14.09.2020
Date of issue/ Date of revision : 14.09.2020
Date of previous issue : 0
Reason : Not applicable
Version : 1

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.