

Safety Data Sheet

According to 1907/2006 (REACH) Article 31,
2020/878/EU and 1272/2008/EC
Date: 27.10.2022 – Version A

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier:

STR8 ORIGINAL REFRESHING SHOWER GEL

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

Cosmetic product

1.3 Details of the supplier of the safety data sheet:

GR. SARANTIS S.A.

26, Amaroussiou-Halandriou Str., 151 25 MAROUSSI, GREECE

Tel.: (+30) 210.6173000

Web: www.sarantisgroup.com, e-mail: info@sarantis.gr

1.4 Emergency telephone number:

Hellenic Poison Center Tel.:

(+30) 210.7793777

European Emergency Tel.:

112

Supplier's emergency telephone number:

Calls from 09:00 to 17:00 (local time):

(+30) 210.6173000

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

According to EC Regulation 1272/2008 (CLP), cosmetics are excluded from this regulation, concerning classification and labelling. This document has been compiled only for handling and transportation purposes.

For these reasons the product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878.

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

Eye irritation, category 2

H319

Causes serious eye irritation.

2.2 Label elements:

Hazard labeling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements:

Hazard pictograms:



GHS07

Signal words: **WARNING**

Hazard statements:

H319

Causes serious eye irritation.

Precautionary statements:

P101

If medical advice is needed, have product container or label at hand.

P102

Keep out of reach of children.

P280

Wear eye protection / face 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.

P337 + P313

If eye irritation persists: Get medical advice / attention.

Safety Data Sheet

According to 1907/2006 (REACH) Article 31,
2020/878/EU and 1272/2008/EC
Date: 27.10.2022 – Version A



2.3 Other hazards:

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0.1%. The product does not contain substances with endocrine disrupting properties in concentration 0.1%.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:

Information not relevant.

3.2 Mixtures:

Contains:

Identification	Conc. %	Classification 1272/2008 (CLP)
Sodium laureth sulfate		
CAS. 68891-38-3 EC. 500-234-8 INDEX. - REACH Reg. 01-2119488639-16	6 - < 7	Eye Dam. 1 H318, Skin Irrit. 2 H315, Aquatic Chronic 3 H412 Eye Dam. 1 H318: C ≥ 10% Eye Irrit. 2 H319: C ≥ 5%
Sodium lauryl sulfate		
CAS. 151-21-3 EC. 205-788-1 INDEX. - REACH Reg. 01-2119489461-32	2 - < 3	Flam. Sol. 1 H228, Acute Tox. 4 H302, Acute Tox. 4 H332, Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335, Aquatic Chronic 3 H412 Eye Dam. 1 H318: C ≥ 20% Eye Irrit. 2 H319: C ≥ 10% LD50 Oral: >500 mg/kg, STA Inhalation mists/powders: 1.5 mg/l
Cocamidopropyl betaine		
CAS. 61789-40-0 EC. 263-058-8 INDEX. - REACH Reg. 01-2119489410-39	1 - < 2	Eye Dam. 1 H318, Aquatic Chronic 3 H412 Eye Dam. 1 H318: C ≥ 10% Eye Irrit. 2 H319: C ≥ 4%

The full wording of the hazard (H) phrases is given in section 16 of the sheet.

4. FIRST AID MEASURES

4.1 Description of first aid measures:

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately.

INGESTION: Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorised by a doctor.

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

Specific information on symptoms and effects caused by the product are unknown.

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

Information not available.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media:

SUITABLE EXTINGUISHING EQUIPMENT

Extinguishing substances are: carbon dioxide, foam, chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.

Safety Data Sheet

According to 1907/2006 (REACH) Article 31,
2020/878/EU and 1272/2008/EC
Date: 27.10.2022 – Version A



UNSUITABLE EXTINGUISHING EQUIPMENT

Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

5.2 Special hazards arising from the substance or mixture:

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

If large quantities of the product are involved in a fire, they can make it considerably worse. Do not breathe combustion products.

5.3 Advice for firefighters:

GENERAL INFORMATION

In the case of fire, use jets of water to cool the containers to prevent the risk of explosions (product decomposition and excess pressure) and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Remove all containers containing the product from the fire, if it is safe to do so.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal firefighting clothing i.e., fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2 Environmental precautions:

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3 Methods and material for containment and cleaning up:

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in section 13.

6.4 Reference to other sections:

Any information on personal protection and disposal is given in sections 8 and 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

Ensure that there is an adequate earthing system for the equipment and personnel. Avoid contact with eyes and skin. Do not breathe powders, vapours or mists. Do not eat, drink or smoke during use. Wash hands after use. Avoid leakage of the product into the environment.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a place where adequate ventilation is ensured, away from direct sunlight at a temperature below 50°C / 122°F, away from any combustion sources. Keep at temperatures between 15°C and 25°C with ≤ 60% relative humidity.

7.3 Specific end use(s):

Information not available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Information not available.

8.2 Exposure controls:

Safety Data Sheet

According to 1907/2006 (REACH) Article 31,
2020/878/EU and 1272/2008/EC
Date: 27.10.2022 – Version A



As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.
When choosing personal protective equipment, ask your chemical substance supplier for advice.
Personal protective equipment must be CE marked, showing that it complies with applicable standards.
Provide an emergency shower with face and eye wash station.

8.2.1 *Eye/face protection:*

Wear airtight protective goggles (see standard EN 166).

8.2.2 *Skin protection:*

Hand protection:

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

Other:

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

8.2.3 *Respiratory protection:*

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

8.2.4 *Environmental exposure controls:*

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

9.1 **Information on basic physical and chemical properties:**

Appearance:	Clear viscous liquid
Color:	Purple
Odor:	Characteristic
pH:	4.5-5.0 (@25°C)
Specific gravity:	1.025±0.020 g/ml (@25°C)
Viscosity:	3000-5000 cps (@25°C, LVT spindle 3 / 12 rpm)
Dry residue:	13-17 % w/w

9.2 **Other information:**

9.2.1 *Information with regard to physical hazard classes:*

Information not available.

9.2.2 *Other safety characteristics:*

Information not available.

10. **STABILITY AND REACTIVITY**

10.1 **Reactivity:**

There are no particular risks of reaction with other substances in normal conditions of use.

Safety Data Sheet

According to 1907/2006 (REACH) Article 31,
2020/878/EU and 1272/2008/EC
Date: 27.10.2022 – Version A



10.2 Chemical stability:

The product is stable in normal conditions of use and storage.

10.3 Possibility of hazardous reactions:

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4 Conditions to avoid:

None in particular. However the usual precautions used for chemical products should be respected.

10.5 Incompatible materials:

Information not available.

10.6 Hazardous decomposition products:

Information not available.

11. TOXICOLOGICAL INFORMATION

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY.

ATE (Inhalation) of the mixture: > 5 mg/l.

ATE (Oral) of the mixture: >2000 mg/kg.

ATE (Dermal) of the mixture: Not classified (no significant component).

SODIUM LAURETH SULFATE

LD₅₀ (Oral): > 5000 mg/kg Rat

LC₅₀ (Dermal): > 2000 mg/kg Rat

SODIUM LAURYL SULFATE

LD₅₀ (Oral): > 500 mg/kg rat

LD₅₀ (Dermal): > 2000 mg/kg rabbit

COCAMIDOPROPYL BETAINE

LD₅₀ (Oral): 2335 mg/kg

LD₅₀ (Dermal): > 2000 mg/kg rabbit

SKIN CORROSION / IRRITATION.

Does not meet the classification criteria for this hazard class.

SERIOUS EYE DAMAGE / IRRITATION.

Causes serious eye irritation.

RESPIRATORY OR SKIN SENSITISATION.

Does not meet the classification criteria for this hazard class.

GERM CELL MUTAGENICITY.

Does not meet the classification criteria for this hazard class.

CARCINOGENICITY.

Does not meet the classification criteria for this hazard class.

Safety Data Sheet

According to 1907/2006 (REACH) Article 31,
2020/878/EU and 1272/2008/EC
Date: 27.10.2022 – Version A



REPRODUCTIVE TOXICITY.

Does not meet the classification criteria for this hazard class.

STOT - SINGLE EXPOSURE.

Does not meet the classification criteria for this hazard class.

STOT - REPEATED EXPOSURE.

Does not meet the classification criteria for this hazard class.

ASPIRATION HAZARD.

Does not meet the classification criteria for this hazard class.

11.2 Information on other hazards:

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

12. ECOLOGICAL INFORMATION

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1 Toxicity:

SODIUM LAURETH SULFATE

LC ₅₀ - for Fish.	> 10 mg/l/96h <i>Leuciscus idus</i>
EC ₅₀ - for Crustacea.	> 10 mg/l/48h <i>Daphnia magna</i>
EC ₅₀ - for Algae / Aquatic Plants.	> 10 mg/l/72h <i>Scenedesmus subspicatus</i>

COCAMIDOPROPYL BETAINE

LC ₅₀ - for Fish.	1.1 mg/l/96h
EC ₅₀ - for Crustacea.	1.9 mg/l/48h
EC ₅₀ - for Algae / Aquatic Plants.	2.4 mg/l/72h

SODIUM LAURYL SULFATE

LC ₅₀ - for Fish.	> 10 mg/l/96h <i>Pimephales promelas</i>
EC ₅₀ - for Crustacea.	> 1 mg/l/48h <i>Ceriodaphnia dubia</i>
EC ₅₀ - for Algae / Aquatic Plants.	> 100 mg/l/72h <i>Desmodesmus subspicatus</i>

12.2 Persistence and degradability:

SODIUM LAURETH SULFATE

Rapidly degradable.

COCAMIDOPROPYL BETAINE

Rapidly degradable.

SODIUM LAURYL SULFATE

Solubility in water.	> 130000 mg/l
Rapidly degradable.	

12.3 Bioaccumulative potential:

SODIUM LAURYL SULFATE

Partition coefficient: n-octanol/water.	-2.03 Log Kow
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12.4 Mobility in soil:

Information not available.

12.5 Results of PBT and vPvB assessment:

Based on available data, the product does not contain any PBT or vPvB in percentage greater than 0.1%.

12.6 Endocrine disrupting properties:

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

12.7 Other adverse effects:

Safety Data Sheet

According to 1907/2006 (REACH) Article 31,
2020/878/EU and 1272/2008/EC
Date: 27.10.2022 – Version A



Information not available.

13. DISPOSAL CONSIDERATIONS

13.1 **Waste treatment methods:**

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.
Disposal must be performed through an authorized waste management firm, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

14. TRANSPORT INFORMATION

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.1 **UN number or ID number:**

Not applicable.

14.2 **UN proper shipping name:**

Not applicable.

14.3 **Transport hazard class(es):**

Not applicable.

14.4 **Packing group:**

Not applicable.

14.5 **Environmental hazards:**

Not applicable.

14.6 **Special precautions for user:**

Not applicable.

14.7 **Maritime transport in bulk according to IMO instruments:**

Information not relevant.

15. REGULATORY INFORMATION

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

Seveso Category - Directive 2012/18/EC: **None**

Substances in Candidate List (Art. 59 REACH).

Based on available data, the product does not contain any SVHC in percentage greater than 0.1%.

Substances subject to authorisation (Annex XIV REACH).

None.

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012.

None.

Substances subject to the Rotterdam Convention.

None.

Substances subject to the Stockholm Convention.

None.

Safety Data Sheet

According to 1907/2006 (REACH) Article 31,
2020/878/EU and 1272/2008/EC
Date: 27.10.2022 – Version A

Healthcare controls.

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

15.2 Chemical safety assessment:

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

16. OTHER INFORMATION

Publisher of Safety Data Sheet:



QACS Ltd

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Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Flam. Sol. 1	Flammable solid, category 1.
Acute Tox. 4	Acute toxicity, category 4.
Eye Dam. 1	Serious eye damage, category 1.
Eye Irrit. 2	Eye irritation, category 2.
Skin Irrit. 2	Skin irritation, category 2.
STOT SE 3	Specific target organ toxicity - single exposure, category 3.
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic toxicity, category 3.
H228	Flammable solid.
H302	Harmful if swallowed.
H332	Harmful if inhaled.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train

Safety Data Sheet

According to 1907/2006 (REACH) Article 31,
2020/878/EU and 1272/2008/EC
Date: 27.10.2022 – Version A



- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

1. Regulation (EU) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament
4. Regulation (EU) 2015/830 of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP) of the European Parliament
13. Regulation (EU) 2017/776 (X Atp. CLP) of the European Parliament
14. Regulation (EU) 2018/669 (XI Atp. CLP) of the European Parliament
15. Regulation (EU) 2019/521 (XII Atp. CLP) of the European Parliament
16. Delegated Regulation (EU) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (EU) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (EU) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (EU) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (EU) 2021/849 (XVII Atp. CLP)
22. The Merck Index. - 10th Edition
23. Handling Chemical Safety
24. Niosh - Registry of toxic effects of chemical substances
25. INRS - Fiche Toxicologique (toxicological sheet)
26. Patty - Industrial Hygiene and Toxicology
27. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
28. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses. Provide appointed staff with adequate training on how to use chemical products.

CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

Changes to previous review:

The following sections were modified:
Initial version.