

Safety data sheet

SECTION 1. Identification of the substances/mixture and of the company/undertaking.

1.1. Product identifier.

Product name. **Proshape Waveself 1S - 1 - 2**

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

Intended use. **Cosmetic product. Hair perm**

1.3. Details of the supplier of the safety data sheet

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**G.V.F. SPA (technical support- Monday - Thursday(8,30 - 12,30 ; 13,30 - 17,30) - Friday
(8,30 - 12,30 ; 13,30 - 16,30)**

1.4. Emergency telephone number

For urgent inquiries refer to

**In case of emergency contact toxicological information, emergency tel 112 (within
Europe). For other countries, use the built-in emergency number in your
cell phone. These telephone numbers are available 24 hours per day, 7 days per week.**

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP). However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to EC Regulation 1907/2006 and subsequent amendments.

2.2. Label elements.

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms: --

Signal words: --

Hazard statements:

EUH210 Safety data sheet available on request.

Precautionary
statements:

P280 Wear protective gloves / protective clothing / eye protection / face protection.

P303+P361+P353 IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water / shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if it is easy to do. Continue rinsing.

P273 Avoid release to the environment.

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%.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

Contains:

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

Identification.	%	Classification 1272/2008 (CLP).
CcWla]Xcdfcdm`6 YrUjby CAS: 61789-40-0 EINECS: 263-058-8	> 1 ≤ 5	Eye Dam. 1 H318, Aquatic Chronic 3 H412.
C12-13 Pareth-9 CAS: 66455-14-9 EINECS: /	> 1 ≤ 5	Aquatic Acute 1 H400, Aquatic Chronic 3 H412.
Ammonium Hydroxide CAS: 1336-21-6 EINECS: 215-647-6	≤ 1	Skin Corr.1B H314,Aquatic Acute 1 H400.
DYbHJgcXji a `DYbHfUJY CAS: 140-01-2 EINECS: 205-391-3	≤ 1	Acute Tox 4 H302,Repr.2 H361, STOT RE 2 H373.
5 a a cbji a Thioglycolate CAS: 5421-46-5 EINECS: 226-540-9	≤ 11	Acute Tox 3 H301, Meta Corr.1 H290, Skin Sens 1 H317.
Ethanolamine CAS: 141-43-5 EINECS: 205-483-3	> 1 ≤ 5	Acute Tox 4 H302,H332,H312, Skin Corr 1B H314
Diammonium Dithioglycolate CAS: 68223-93-8 EINECS: 269-323-4	≤ 1	Acute Tox 4 H302.

SECTION 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 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

INGESTION: Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

INHALATION: Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

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

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

For symptoms and effects caused by the contained substances, see chap. 11.

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

Information not available.

SECTION 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.

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

As a result of combustion and thermal decomposition, hazardous oxidation products can form, exposure to these products leads to health.

5.3. Advice for firefighters.

Standard equipment for fighters

GENERAL INFORMATION

Collect separately the extinguishing agent and disposed of according to applicable environmental legislation by authorized company; cool with water tanks or containers close to sources of heat or fire. Take into account the wind direction.

SECTION 6. Accidental release measures.

6.1. Personal precautions, protective equipment and emergency procedures.

Avoid contact with skin or eyes, and keep appropriate protection. Remove all possible ignition source (flame, spark or heat). No smoking. Do not breathe fumes or vapors.

6.2. Environmental precautions.

Collect waste and dispose according to regulation. If adverse risks of water pollution alert the relevant authorities.

6.3. Methods and material for containment and cleaning up.

Collect spillage with non-combustible absorbent materials (earth, sand, vermiculite, diatomaceous earth ...), and clean with plenty of water and biodegradable detergent. Avoid the use of solvents. Dispose of waste according to local regulations.

6.4. Reference to other sections.

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

SECTION 7. Handling and storage.

7.1. Precautions for safe handling.

Avoid contact with eyes and skin. Do not inhale vapors. Remove any contaminated clothing quickly. Use away from heat and ignition. Do not smoke during use. Packs tightly after use.

7.2. Conditions for safe storage, including any incompatibilities.

Always store in original container. Do not expose to heat, moisture or direct sunlight. Avoid freezing. Packs tightly after use. Keep away from flames free, heat, strong oxidizing agents, radiation and other initiators. Prevent contamination with other materials.

7.3. Specific end use(s).

Information not available.

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Ensure adequate ventilation. Must be ensured good ventilation and good air exchange. Wear protective clothing, goggles and gloves. Do not breathe vapors.

8.3. Environmental exposure controls

Ensure adequate ventilation. The product when used according to good practices of use and recommended doses, no specific threat to the environment.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	Opalescent liquid
Colour	White
Odour	
Odour threshold.	characteristic
pH.	Waveself 1S: $9,0 \pm 0,5$; Waveself 1: $8,8 \pm 0,5$; Waveself 2: $8,6 \pm 0,5$
Melting point / freezing point. Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	Waveself 1S: $1,05 \pm 0,05$; Waveself 1: $1,05 \pm 0,05$; Waveself 2: $1,04 \pm 0,05$
Solubility	Yes.
Water Solubility	
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	Not available.

9.2. Other information.

Information not available.

SECTION 10. Stability and reactivity.

10.1. Reactivity.

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

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.

Heat, direct sunlight, sparks, flames. However the usual precautions used for chemical products should be respected.

10.5. Incompatible materials.

Air, acids, bases, oxidants, metal tools

10.6. Hazardous decomposition products.

Burning may produce carbon oxides and vapors can be harmful to health.

SECTION 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.

Ingestion: The product is harmful for acute exposure and causes serious health risks if ingested.

Eye Contact: If the product comes into contact with the eyes, can cause serious damage to eyes, as opacification of the cornea or iris lesions.

Skin contact: If the product comes into contact with the skin, it causes significant inflammation with erythema, scabs or edema and can cause skin sensitization.

Inhalation: May cause irritation to the upper respiratory tract

SECTION 12. Ecological information.

No specific data are available for this product. Handle it according to good working practices. Avoid littering. Do not contaminate soil and waterways. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation. Please take all the proper measures to reduce harmful effects on aquifers.

SECTION 13. Disposal considerations.

13.1. Waste treatment methods.

Waste disposal must be in accordance with local rules

CONTAMINATED PACKAGING

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

SECTION 14. Transport information.

LIMITED QUANTITY TRANSPORT (can < 5 liter ; carton < 30 kg) – NOT SUBJECT TO ADR RESTRICTION

Transport by road, Directive 94/55/EC - 2006/89/EC (ADR 2007) Class 9

Label: 9

PG III

UN 3082

Tunnel restriction: E

Rail transport, Directive 96/49/EC (RID 2007) Class 9

Label: 9

PG III

UN 3082

Tunnel restriction: E

Transport by sea (IMDG 33-06) Class 9

Label: 9

PG III

UN 3082

EmS: F-A, S-F

Marine pollutant: No

Transport by air (ICAO / IATA 2007) Class 9

Label: 9

PG III

UN 3082

Proper shipping name: dangerous material for environment, liquid, N.A.S. (Ammonium Thioglycolate, C12- 13 Pareth-9, Ethanolamine, Ammonium Hydroxide, Pentasodium Pentetate)

SECTION 15. Regulatory information.

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

Standard Reference EU: European Cosmetic Regulation 1223/2009. Conforms to European norms

Labelling: contains Thioglycolates Acid Salts. Follow the instructions for use. Avoid contact with eyes. In contact occurs, rinse immediately and thoroughly and consult a specialist. Wear disposable gloves. Keep out of children reach. PROFESSIONAL USE

15.2. Chemical safety assessment.

No hazardous preparation (cosmetic products).

SECTION 16. Other information.

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

Acute Tox 4	Acute toxicity, Category 4
Acute Tox 3	Acute toxicity, Category 3
Eye Dam.1	Serious eye damaged, category 1
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic toxicity, category 3
Aquatic Acute 1	Hazardous to the aquatic environment, acute toxicity, category 1
Skin Corr 1B	Skin corrosion, category 1B
Repr.2	Reproductive Toxicity
STOT RE 2	Specific target organ toxicity repeated exposure, category 2
Skin Sens.1	Skin sensitization, category 1
Meta Corr.1	Substances and Mixtures corrosive to Metals

H314 Causes severe skin burns and eye damage
H318 Causes serious eye damage
H400 Very toxic to aquatic life
H412 Harmful to aquatic life with long lasting effects
H361 Suspected of damaging fertility or the unborn child
H373 May cause damage to organs through repeated exposure
H317 May cause an allergic skin reaction.
H290 May be corrosive to metals.
H332 Harmful if inhaled
H312 Harmful in contact with skin

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
- 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
- The Merck Index. - 10th Edition
 - Handling Chemical Safety
 - INRS - Fiche Toxicologique (toxicological sheet)
 - Patty - Industrial Hygiene and Toxicology
 - N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
 - 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.