# CRYSTAL SOLID SHAMPOO

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>%</th>
<th>CAS</th>
<th>EINECS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aqua</td>
<td>25 – 50</td>
<td>7732-18-5</td>
<td>231-791-2</td>
</tr>
<tr>
<td>Glycerin</td>
<td>25 – 50</td>
<td>56-81-5</td>
<td>200-289-5</td>
</tr>
<tr>
<td>Sodium Stearate</td>
<td>10 – 25</td>
<td>822-16-2</td>
<td>212-490-5</td>
</tr>
<tr>
<td>Sorbitol</td>
<td>10 – 25</td>
<td>50-70-4</td>
<td>200-061-5</td>
</tr>
<tr>
<td>Sodium Laurate</td>
<td>5 – 10</td>
<td>629-25-4</td>
<td>211-082-4</td>
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<tr>
<td>Propylene Glycol</td>
<td>5 – 10</td>
<td>57-55-6</td>
<td>200-338-0</td>
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<tr>
<td>Sodium Laureth Sulfate</td>
<td>1 – 5</td>
<td>68691-38-3</td>
<td>500-234-8</td>
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<tr>
<td>Sodium Chloride</td>
<td>1 – 5</td>
<td>7647-14-5</td>
<td>231-598-3</td>
</tr>
<tr>
<td>Disodium Lauryl Sulfosuccinate</td>
<td>1 – 5</td>
<td>26838-05-1</td>
<td>248-030-5</td>
</tr>
<tr>
<td>Titanium Dioxide</td>
<td>0.1 – 0.5</td>
<td>13463-67-7</td>
<td>236-675-5</td>
</tr>
<tr>
<td>Stearic Acid</td>
<td>0.1 – 0.5</td>
<td>57-11-4</td>
<td>200-313-4</td>
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<tr>
<td>Lauric Acid</td>
<td>0.1 – 0.5</td>
<td>143-07-7</td>
<td>205-582-1</td>
</tr>
<tr>
<td>Pentasodium Pentetate</td>
<td>&lt;0.1</td>
<td>140-01-2</td>
<td>205-391-3</td>
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<tr>
<td>Tetrasodium Etidronate</td>
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<td>3794-83-0</td>
<td>223-267-7</td>
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<tr>
<td>Polyquaternium 7</td>
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<td>26590-05-6</td>
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<tr>
<td>Aloe Barbadensis Leaf Juice Powder</td>
<td>&lt;0.1</td>
<td>85507-69-3</td>
<td>287-390-8</td>
</tr>
<tr>
<td>Sodium Benzoate</td>
<td>&lt;0.1</td>
<td>532-32-1</td>
<td>208-534-8</td>
</tr>
</tbody>
</table>

Revision Number 2
CRYSTAL SOLID SHAMPOO

Specification

Appearance
White opaque solid at 25°C free from contamination and air entrainment.

Water Content
(Dean & Stark)
25.0% - 30.0%

FFA
0.1% - 0.5%

Revision Number 0
Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: CRYSTAL SOLID SHAMPOO

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

Use of substance / mixture: PC39: Cosmetics, personal care products.

1.3. Details of the supplier of the safety data sheet

Company name: Stephenson Personal Care
Brookfoot House
Low Lane
Horsforth
Leeds
LS18 5PU
UK
Tel: +44(0)113 2050900
Fax: +44(0)113 2050901
Email: spc@stephensongroup.co.uk

1.4. Emergency telephone number

Emergency tel: 24hr Transport Emerg. Info +44 (0) 1865 407333
Non-UK emergency number: +44 (0) 7711 534236

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: This product has no classification under CHIP.
Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements:
Precautionary statements: P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients
3.2. Mixtures

Hazardous ingredients:

ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS - REACH registered number(s): 01-2119488639-16-XXXX

<table>
<thead>
<tr>
<th>EINECS</th>
<th>CAS</th>
<th>CHIP Classification</th>
<th>CLP Classification</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>500-234-8</td>
<td>68891-38-3</td>
<td>Xi: R38; Xi: R41</td>
<td>Aquatic Chronic 3: H412; Eye Dam. 1: H318; Skin Irrit. 2: H315</td>
<td>2-5%</td>
</tr>
<tr>
<td>DISODIUM LAURYL SULFOSUCCINATE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>248-03-5</td>
<td>26838-05-1</td>
<td>Xn: R22; Xi: R36/38</td>
<td>Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318</td>
<td>&lt;1%</td>
</tr>
</tbody>
</table>

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.
Eye contact: Bathe the eye with running water for 15 minutes.
Ingestion: Wash out mouth with water.
Inhalation: Not applicable.

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

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be soreness and redness of the mouth and throat.
Inhalation: Not applicable.

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.
6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Wash the spillage site with large amounts of water. Refer to section 13 of SDS for suitable method of disposal.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in a cool, well ventilated area. Keep away from direct sunlight. Keep away from sources of ignition.

7.3. Specific end use(s)

**Specific end use(s):** No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

**Workplace exposure limits:** No data available.

**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

8.2. Exposure controls

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses.

**Skin protection:** Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

**State:** Solid

**Colour:** White

**Odour:** Characteristic odour

**Solubility in water:** Miscible

**Boiling point/range°C:** 100

**Melting point/range°C:** 50-60

**pH:** 9.5-10.5

9.2. Other information

**Other information:** No data available.
Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Heat. Sources of ignition. Humidity.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong reducing agents.

10.6. Hazardous decomposition products

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS

<table>
<thead>
<tr>
<th></th>
<th>RAT</th>
<th>LD50</th>
<th>mg/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>DERMAL</td>
<td></td>
<td>&gt;2000</td>
<td></td>
</tr>
<tr>
<td>ORAL</td>
<td></td>
<td>&gt;2000</td>
<td></td>
</tr>
</tbody>
</table>

DISODIUM LAURYL SULFOSUCCINATE

<table>
<thead>
<tr>
<th></th>
<th>RAT</th>
<th>LD50</th>
<th>mg/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORL</td>
<td></td>
<td>&gt; 2000</td>
<td></td>
</tr>
</tbody>
</table>

Toxicity values: No data available.

Symptoms / routes of exposure

- **Skin contact:** There may be mild irritation at the site of contact.
- **Eye contact:** There may be irritation and redness.
- **Ingestion:** There may be soreness and redness of the mouth and throat.
- **Inhalation:** Not applicable.

Section 12: Ecological information

12.1. Toxicity
Hazardous ingredients:

ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS

<table>
<thead>
<tr>
<th>ALGAE</th>
<th>48H EC50</th>
<th>27.7 mg/l</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAPHNIA</td>
<td>48H EC50</td>
<td>7.4 mg/l</td>
</tr>
<tr>
<td>FISH</td>
<td>96H LC50</td>
<td>7.1 mg/l</td>
</tr>
</tbody>
</table>

DISODIUM LAURYL SULFOSUCCINATE

| Daphnia magna | 96H LC50 | > 100 mg/l |

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Section 16: Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.
Phrases used in s.2 and s.3:

- H302: Harmful if swallowed.
- H315: Causes skin irritation.
- H318: Causes serious eye damage.
- H412: Harmful to aquatic life with long lasting effects.
- R22: Harmful if swallowed.
- R36/38: Irritating to eyes and skin.
- R38: Irritating to skin.
- R41: Risk of serious damage to eyes.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.