

SAFETY DATA SHEET

ZGZ-01000 Moulding Soap

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Compilation date: 11/06/2013

Revision date: 31/01/2020

Revision No: 9

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

1.1. Product identifier

Product name: Moulding Soap (CRYSTAL ST)

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

Brookfoot House

Low Lane

Horsforth

Leeds

LS18 5PU

UK

Tel: +44(0)113 2050900

Fax: +44(0)113 2050901

Email: Hello@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 CLP: This product has no classification under CLP.

2.2. Label elements

Label elements:

Precautionary statements: P102: Keep out of reach of children.

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 {{{0||message=|||default= a POISON CENTER or doctor|||filter= (_)?EMERGENCY_+}}}.
P310: Immediately call {{{0||message=|||default= a POISON CENTER or doctor|||filter= (_)?EMERGENCY_+}}}

2.3. Other hazards

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

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Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

SODIUM ALKYL ETHER SULPHATE - REACH registered number(s): 01-2119488639-16-0020

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|-----------|------------|-----------|---|---------|
| 500-234-8 | 68891-38-3 | - | Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 3: H412 | 5-20% |

SODIUM LAURYL SULPHATE

| | | | | |
|-----------|----------|---|---|------|
| 205-788-1 | 151-21-3 | - | Acute Tox. 4: H302+H332; Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 3: H412; STOT SE 3: H335; Flam. Sol. 2: H228 | 1-2% |
|-----------|----------|---|---|------|

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

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: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Do not create dust.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of dust in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

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

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.

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Hand protection: Protective gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Solid

Colour: Transparent

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.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

SODIUM ALKYL ETHER SULPHATE

| | | | | |
|-----|-----|------|------|-------|
| ORL | RAT | LD50 | 4000 | mg/kg |
|-----|-----|------|------|-------|

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SODIUM LAURYL SULPHATE

| | | | | |
|------|-----|------|-------|-------|
| ORAL | RAT | LD50 | >2000 | mg/kg |
|------|-----|------|-------|-------|

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

SODIUM ALKYL ETHER SULPHATE

| | | | |
|------|----------|--------|------|
| FISH | 96H LC50 | 1 - 10 | mg/l |
|------|----------|--------|------|

SODIUM LAURYL SULPHATE

| | | | |
|------|----------|------|------|
| FISH | 96H LC50 | 3-20 | mg/l |
|------|----------|------|------|

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in 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

Other adverse effects: Negligible ecotoxicity.

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.

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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: All ingredients in this product are in accordance with the Australian Inventory of Chemical Substances - AICS (inventory). Checked on 31/01/2020

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

Nature of Revision - Reach Regulations

All the ingredients used in the mixture is listed on AICS.

Phrases used in s.2 and s.3: H228: Flammable solid.

H302+H332: Harmful if swallowed or if inhaled

H315: Causes skin irritation.

H318: Causes serious eye damage.

H335: May cause respiratory irritation.

H412: Harmful to aquatic life with long lasting effects.

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.

INGREDIENT LIST:

| SUBSTANCE | % | CAS | EC No. | REACH No. |
|------------------------------|-----------|-------------|---------------|------------------|
| Glycerin | 20 – 40 | 56-81-5 | 200-289-5 | Exempt |
| Aqua | 20 – 40 | 7732-18-5 | 231-791-2 | Exempt |
| Sodium Stearate | 10 – 20 | 822-16-2 | 212-490-5 | Exempt |
| Propylene Glycol | 10 – 20 | 57-55-6 | 200-338-0 | 01-2119456809-23 |
| Sorbitol | 5 – 10 | 50-70-4 | 200-061-5 | Exempt |
| Sodium Laurate | 5 – 10 | 629-25-4 | 211-082-4 | Exempt |
| Sodium Laureth Sulfate | 5 – 10 | 68891-38-3 | 500-234-8 | 01-2119488639-16 |
| Sodium Chloride | 1 – 2.5 | 7647-14-5 | 231-598-3 | 01-2119485491-33 |
| Sodium Lauryl Sulfate | 1 – 2.5 | 85586-07-8 | 287-809-4 | 01-2119489463-28 |
| Citric Acid | 0.5 – 1 | 77-92-9 | 201-069-1 | 01-2119457026-42 |
| Sodium Citrate | 0.1 – 0.5 | 68-04-2 | 200-675-3 | Exempt |
| Tetrasodium Iminodisuccinate | <0.1 | 144538-83-0 | 604-420-0 | 01-0000017550-76 |
| Tetrasodium Etidronate | <0.1 | 3794-83-0 | 223-267-7 | 01-2119510382-52 |

PRODUCT SPECIFICATION:

| PARAMETER | METHOD | SPECIFICATION |
|-------------------|---------------|-----------------------------|
| Appearance | Visual Check | Translucent solid at 25°C |
| Water Content (%) | Dean & Stark | 22.50 - 27.50 |
| FFA (%) | Titration | 0.70 - 1.10 |
| Colour (neat) | Hack (5¾") | 0.5 Red/ 5.0 Yellow maximum |