

Safety Data Sheet

In accordance with REACH Regulation EC No.1907/2006

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

1.1. Product identifier

Product name: Stearic Acid RSPO
CAS number: 67701-03-5
EINECS number: 266-928-5
Synonyms: -
INCI name: Stearic Acid

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

Use of substance/mixture: Additive in detergents, body washing products, cosmetics and other industrial/commercial use.

1.3. Details of the supplier of the safety data sheet

Company name: Bath and Body Base Ltd
2A Laurel Way
Bishop Auckland
Co. Durham
DL14 7NF
Tel: 07493 064263
Email: technical@bathandbodybase.com

1.4. Emergency telephone number

Emergency tel: 07493 064263

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Non-hazardous classification according to CLP (EC No 1272/2008).

2.2. Label elements

Hazard statements: None assigned.
Signal words: None.
Precautionary statements: None assigned.

2.3. Other hazards

Other hazards: No other hazards.

Section 3: Composition/information on ingredients**3.1. Substances**

Substances: Fatty Acids, C16-18
CAS Number: 67701-03-5
EC Number: 266-928-5

3.2. Mixtures

Mixtures: Not applicable.

Section 4: First aid measures**4.1. Description of first aid measures**

General advice: In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes immediately, and launder before re-using.

Skin contact: After contact with skin, wash immediately with plenty of soap and water.

Eye contact: Remove contact lens. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Seek medical assistance.

Ingestion: Rinse mouth and drink large quantities of water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

Inhalation: Move affected person to fresh air. Consult a doctor if symptoms persist.

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

Symptoms/effects: No further relevant information available.

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

Immediate/special treatment: No information available.

Section 5: Fire-fighting measures**5.1. Extinguishing media**

Suitable extinguishing media: Alcohol-resistant foam, Carbon dioxide (CO₂), dry chemical extinguisher, water spray jet.

Unsuitable extinguishing media: High power water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products: Carbon dioxide (CO₂), Carbon monoxide

5.3. Advice for fire-fighters

Advice for fire-fighters: Use self-contained breathing apparatus and full-body protective clothing.

Section 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel:	Refer to protective measures listed in Sections 7 and 8. Avoid contact with skin, eyes and clothing. High risk of slipping due to leakage/spilling of product.
For emergency personnel:	No data available. Personal Protective Equipment (PPE) – see Section 8.

6.2. Environmental precautions

Environmental precautions:	Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.
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6.3. Methods and material for containment and cleaning up

Clean-up procedures:	Take up mechanically. When picked up, treat material as prescribed under heading "Disposal Considerations". Avoid raising dust.
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6.4. Reference to other sections

Reference to other sections:	No data available.
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Section 7: Handling and storage**7.1. Precautions for safe handling**

Handling requirements:	Avoid raising dust. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Remove soiled or soaked clothing immediately. Do not inhale dust. Provide eye wash fountain in work area. Do not smoke - keep ignition sources away. Take precautionary measures against static charges. Dust can form an explosive mixture with air.
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7.2. Conditions for safe storage, including any incompatibilities

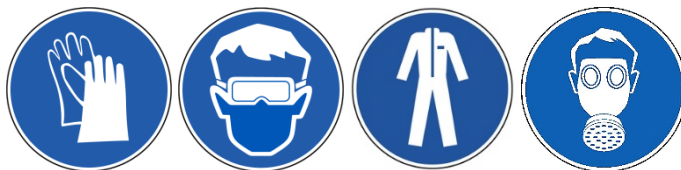
Storage conditions:	Keep container tightly closed in a cool, well-ventilated place. Protect from heat and direct sunlight. Store in a closed container. Do not store with alkalis or oxidizing agents.
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7.3. Specific end use(s)

Specific end use(s):	See Section 1. No further relevant information available.
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Section 8: Exposure controls/personal protection**8.1. Control parameters**

DNEL/DMEL:	DNEL for workers: dermal, long term (chronic) systemic 63.75mg/kg/day DNEL for consumers: dermal, long term (chronic) systemic 31.88mg/kg/day PNEC: sewage treatment plant 1mg/l PNEC: water (freshwater) 0.01mg/l
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8.2. Exposure controls


Respiratory protection:	If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of dust formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.
Hand protection:	Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, produce compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves. Appropriate material: Butyl rubber and Nitrile rubber.
Eye protection:	Safety glasses with side-shields (frame goggles) (e.g. EN 166).

Section 9: Physical and chemical properties
9.1. Information on basic physical and chemical properties

Appearance:	Solid
Colour:	No information available.
Odour:	No data available.
Solubility in water:	<0.05mg/l @ 20°C
Boiling point/range°C:	200 - 240°C
Melting point/range°C:	53 - 63°C
Density:	0.8 - 0.9g/cm ³ [20°C]
Flashpoint:	180 - 202°C
Autoignition temperature:	350°C
Explosive properties:	Not explosive.
Upper explosive limit:	Not determined.
Oxidising properties:	None.
Partition coefficient (n-Octanol/water):	Log Pow 7.05 - 8.23
pH:	Not applicable.

9.2. Other information

Other information:	No further relevant information available.
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Section 10: Stability and reactivity**10.1. Reactivity**

Reactivity: No data available.

10.2. Chemical stability

Chemical stability: Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Hazardous reactions: No data available.

10.4. Conditions to avoid

Conditions to avoid: Heat; protect from sun.

10.5. Incompatible materials

Materials to avoid: Alkalis and oxidizing agents.

10.6. Hazardous decomposition product

Haz. decomp. products: No data available.

Section 11: Toxicological information**11.1. Information on toxicological effects**

Information on toxicological effects:

Fatty acids C16-18

Acute oral toxicity
LD50 rat: >5,000mg/kg
CAS 57-10-3
OECD 401

Acute dermal toxicity
LC50 rabbit: >2,000mg/kg
CAS 57-11-4
OECD 434

Acute inhalational toxicity
LC50 rat: >0.1621mg/l 4hr
CAS 124-07-2

11.2. Symptoms/routes of exposure

Skin contact: Skin corrosion/irritation
Rabbit CAS: 57-10-3
OECD 404
Non-irritant - 4h

Eye contact: Serious eye damage/irritation
Rabbit CAS 57-10-3
OECD 405
Non-irritant

Ingestion: No data available.

Inhalation:	Respiratory or skin sensitisation Skin Guinea pig CAS 334-48-5 Buehler Non sensitizing
Carcinogenicity:	No data available.
Teratogenicity:	Reproduction toxicity Oral rat CAS 112-85-6 NOAEL 1,000mg/kg 42d OECD 422

Section 12: Ecological information

12.1. Toxicity

Toxicity:	<u>Toxicity to fish (acute)</u> LD50: /48h >1,000mg/l <i>Leuciscus idus</i> (OECD 203) <u>Toxicity to Daphnia (acute)</u> EC50 <i>Daphnia magna</i> : >4.8mg/l 48hr CAS: 57-10-3 OECD 202 <u>Toxicity to algae (acute)</u> EC50 <i>Selenastrum capricornutum</i> : >0.9mg/l 72hr CAS 57-10-3 OECD 201 <u>Bacteria toxicity</u> EC10 <i>Pseudomonas putida</i> 883mg/l 18hr CAS 57-11-4
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12.2. Persistence and degradability

Persistence and degradability:	Readily biodegradable.
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12.3. Bioaccumulative potential

Bioaccumulative potential:	Partition coefficient (n-Octanol/water): Log Pow 7.05 - 8.23.
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12.4. Mobility in soil

Mobility:	No further relevant information available.
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12.5. Results of PBT and vPvB assessment

PBT identification:	This product is not identified as a PBT/vPvB substance.
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12.6. Other adverse effects

Other adverse effects:	No data available. Do not discharge product unmonitored into the environment.
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Section 13: Disposal considerations**13.1. Waste treatment methods**

Waste treatment:	Avoid release to the environment. Refer to special instructions/safety data sheets. Disposal should be in accordance with local, state or national legislation. Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company. Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.
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Section 14: Transport information

UN number or ID number:	Not applicable.
UN proper shipping name:	Not applicable.
Transport hazard class(es):	Not applicable.
Packaging group:	Not applicable.
Environmental hazards:	Not applicable.
Special precautions for user:	Not applicable.
Transport in bulk according to Annex II of Marpol and the IBC Code:	Not applicable.

Section 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Specific regulations:	<p><u>Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)</u> In accordance with Reach Regulation (EC) 1907/2006, the product does not contain any substances that are considered as subject to listing in annex XIV, inventory of substances requiring authorisation.</p> <p><u>REACH candidate list of substances of very high concern (SVHC) for authorisation</u> In accordance with article 57 and article 59 of the Reach regulation (EC) 1907/2006, this substance is not considered as subject to listing in annex XIV, inventory of substances requiring authorisation ("Authorisation list").</p> <p><u>Regulation (EC) No 1907/2006 (REACH) Annex XVII: Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles.</u> The substance is not subject to the provisions of annex XVII (restriction entries) of the reach regulation (EC) 1907/2006.</p> <p><u>Directive 2012/18/EU on the control of major accident hazards involving dangerous substances.</u> This substance is not subject to part 1 or 2 of annex I.</p>
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15.2. Chemical Safety Assessment

Chemical safety assessment:	No chemical safety assessment has been carried out.
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Section 16: Other information**16.1. Other information****Other information:**

* Indicates text in the SDS which has changed since the last revision.

Legal disclaimer:

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Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.

Compliance with all appropriate local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing.

Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary.

All health and safety information contained in this document should be provided to your employees or customers.