

SAFETY DATA SHEET

EC Regulation No.1907/2006 (REACH) & 1272/2008 (CLP)

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

1.1 Product identifier

- Product Name: Stearic Acid RSPO MB
- Chemical Name: Fatty acids, C16-18
- CAS Number: 67701-03-5
- EC Number: 266-928-5
- REACH Registration Number: 01-2119543709-29-0011
- Synonyms:

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

- Use of the 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

- Name of Supplier: Aroma Trading Ltd
- Address of Supplier: Unit 3 Quatro Park
Tanners Drive
Milton Keynes
MK14 5FJ
- Telephone: + 44 (0) 1908 334100
- Responsible Person: John Black
- Email: sales@aromatrading.com

1.4 Emergency telephone number

- Emergency Telephone: + 44 (0) 1908 334100

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

2.2 Label elements

- Signal Word: None

2.2.1 Hazard statements

None assigned

2.2.2 Precautionary statements

None assigned

2.3 Other hazards

SECTION 2: Hazards identification (....)

- No other hazards
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SECTION 3: Composition/information on ingredients**3.1 Substances****3.1.1 Fatty Acids, C16-18**

CAS Number: 67701-03-5

EC Number: 266-928-5

3.2 Mixtures

- Not applicable
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SECTION 4: First aid measures**4.1 Description of first aid measures**

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

4.1.1 Contact with eyes

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.

4.1.2 Contact with skin

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

4.1.3 Ingestion

Rinse mouth and drink large quantities of water.

Do not induce vomiting

Never give anything by mouth to an unconscious person

4.1.4 Inhalation

Move affected person to fresh air

Consult a doctor if symptoms persist.

4.2 Most important symptoms and effects, both acute and delayed

- No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 4: First aid measures (....)

- No information available
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SECTION 5: Firefighting 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

- Carbon dioxide / Carbon monoxide

5.3 Advice for firefighters

- Use self-contained breathing apparatus and full-body protective clothing.
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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

- Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up

- Take up mechanically. When picked up, treat material as prescribed under heading "Disposal Considerations". Avoid raising dust.

6.4 Reference to other sections

- No data available
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SECTION 7: Handling and storage**7.1 Precautions for safe handling**

- 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
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SECTION 7: Handling and storage (....)

- 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.

7.2 Conditions for safe storage, including any incompatibilities

- 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

7.3 Specific end use(s)

- See Section 1
- No further relevant information available.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****8.1.1 DNEL/DMEL**

DNEL for workers: dermal, Long Term (chronic) systemic 63.75 mg/kg/day

DNEL for consumers: dermal, Long Term (chronic) systemic 31.88 mg/kg/day

PNEC: sewage treatment plant 1 mg/l

PNEC: water (freshwater) 0.01 mg/l

8.1.2 PNEC**8.2 Exposure controls****Gloves****Goggles****Suit****Respirator**

- Eye protection: safety glasses with side-shields (frame goggles) (e.g. EN 166)
- 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

SECTION 8: Exposure controls/personal protection (....)

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

8.3 Environmental exposure controls

- No information available
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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
- pH: Not applicable
- Melting point/Range: 53 - 63°C
- Boiling Point/Range: 200 - 240°C
- Solubility in water: < 0.05 mg/l @ 20°C
- Density: 0.8 - 0.9 g/cm³ [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

9.2 Other information

- No further relevant information available.
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SECTION 10: Stability and reactivity**10.1 Reactivity**

- No data available

10.2 Chemical stability

- Stable under normal temperature conditions and recommended use.

10.3 Possibility of hazardous reactions

- No data available

10.4 Conditions to avoid

SECTION 10: Stability and reactivity (....)

- Heat; protect from sun

10.5 Incompatible materials

- Alkalis and oxidizing agents

10.6 Hazardous decomposition products

- No data available
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SECTION 11: Toxicological information**11.1 Information on toxicological effects****11.1.1 Fatty acids C16-18**

Acute oral toxicity
LD50 rat: > 5000 mg/kg
CAS 57-10-3
OECD 401

Acute dermal toxicity
LC50 rabbit: > 2000 mg/kg
CAS 57-11-4
OECD 434

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

11.2 Serious eye damage/irritation

Serious eye damage/irritation
rabbit CAS 57-10-3
OECD 405
non irritant

11.3 Skin corrosion/irritation

Skin corrosion/irritation
rabbit CAS: 57-10-3
OECD 404
non irritant - 4h

11.4 Ingestion

- No data available

11.5 Inhalation

Respiratory or skin sensitisation
Skin Guinea pig
CAS 334-48-5
Buehler
non sensitizing

SECTION 11: Toxicological information (....)**11.6 Carcinogenicity**

- No data available.

11.7 Germ cell mutagenicity**11.8 Teratogenicity**

Reproduction toxicity
Oral rat
CAS 112-85-6
NOAEL 1000 mg/kg 42 d
OECD 422

SECTION 12: Ecological information**12.1 Toxicity**

Toxicity to fish (acute)
LD50: /48h > 1000mg/l *Leuciscus idus* (OECD 203)

Toxicity to Daphnia (acute)
EC50 *Daphnia magna*: > 4.8 mg/l 48hr
CAS: 57-10-3
OECD 202

Toxicity to algae (acute)
EC50 *Selenastrum capricornutum*: > 0.9 mg/l 72hr
CAS 57-10-3
OECD 201

Bacteria toxicity
EC10 *Pseudomonas putida* 883 mg/l 18hr
CAS 57-11-4

12.2 Persistence and degradability

- Readily Biodegradable

12.3 Bioaccumulative potential

- Partition Coefficient (n-Octanol/Water): Log Pow 7.05 - 8.23

12.4 Mobility in soil

- No further relevant information available.

12.5 Results of PBT and vPvB assessment

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

12.6 Other adverse effects

- No data available
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SECTION 12: Ecological information (....)

- Do not discharge product unmonitored into the environment.
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SECTION 13: Disposal considerations**13.1 Waste treatment methods**

- 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**Not classified as hazardous for transport****14.1 UN number or ID number**

- UN No.: Not applicable

14.2 UN proper shipping name

- Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

- Hazard Class: Not applicable

14.4 Packing group

- Packing Group: Not applicable

14.5 Environmental hazards

- Not applicable

14.6 Special precautions for user

- Not applicable

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

- Not applicable
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SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

SECTION 15: Regulatory information (....)

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

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.

REACH candidate list of substances of very high concern (SVHC) for authorisation

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").

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.

The substance is not subject to the provisions of annex XVII (restriction entries) of the reach regulation (EC) 1907/2006.

Directive 2012/18/EU on the control of major accident hazards involving dangerous substances.

This substance is not subject to Part 1 or 2 of Annex I.

15.2 Chemical safety assessment

- No chemical safety assessment has been carried out.
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SECTION 16: Other information

The information given on this material health and safety sheet is not a warranty as to the performance or suitability of the product. The information must be regarded only as a description of the health, safety and environmental requirements for that product. The information contained herein is true and accurate to the best of our knowledge and belief, but does not claim to be all inclusive.

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