

## 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 Palm Free
- Chemical Name: Stearic Acid
- CAS Number: 67701-03-5
- EC Number: 266-928-5
- REACH Registration Number: 01-2119543709-29-XXXX
- Synonyms:
- INCI Name: STEARIC ACID; PALMITIC ACID

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

- Use of the substance/mixture: Industrial auxiliary. Production of soap, lubricants, surfactants and emulsifiers.

#### 1.3 Details of the supplier of the safety data sheet

- Name of Supplier: SOAPMAKERS STORE
- Address of Supplier: Unit 3 Quatro Park,  
Tanners Drive, Milton  
Keynes MK14 5FJ  
ENGLAND
- Telephone: + 44 (0)1908 334108
- Responsible Person: JOHN BLACK
- Email: sales@soapmakers-store.com

#### 1.4 Emergency telephone number

- Emergency Telephone: + 44 (0) 1908 334108 (9AM-5PM)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

- CLP: None, Non hazardous classification according to CLP (EC No 1272/2008)

#### 2.2 Label elements

- Signal Word: None

##### 2.2.1 Hazard statements

Not Classified

##### 2.2.2 Precautionary statements

None assigned

#### 2.3 Other hazards

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## SECTION 2: Hazards identification (...)

- No other hazards
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## SECTION 3: Composition/information on ingredients

### 3.1 Substances

- Chemical Name: Stearic Acid
- CAS No: 67701-03-5

### 3.2 Mixtures

- N/A
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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### 4.1.1 Contact with eyes

Wash immediately with water for at least 10 minutes.

#### 4.1.2 Contact with skin

No specific recommendations.

#### 4.1.3 Ingestion

Do not induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet

#### 4.1.4 Inhalation

Remove casualty to fresh air and keep warm and at rest.

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

- None

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

- None
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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media: Water and Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media: None in particular.

### 5.2 Special hazards arising from the substance or mixture

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## **SECTION 5: Firefighting measures (...)**

- Do not inhale explosion and combustion gases. Burning produces heavy smoke.

### **5.3 Advice for firefighters**

- Use suitable breathing apparatus
  - Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
  - Move undamaged containers from immediate hazard area if it can be done safely.
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## **SECTION 6: Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

- Wear personal protection equipment
- Remove persons to safety
- See protective measures under point 7 and 8

### **6.2 Environmental precautions**

- Do not allow to enter into soil/subsoil.
- Do not allow to enter into surface water or drains
- Retain contaminated washing water and dispose of it.
- In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
- Suitable material for taking up: absorbing material, organic, sand

### **6.3 Methods and material for containment and cleaning up**

- Wash with plenty of water.

### **6.4 Reference to other sections**

- See also section 8 and 13
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## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

- Avoid contact with skin and eyes, inhalation of vapours and mists.
- Do not eat or drink while working.
- See also section 8 for recommended protective equipment

### **7.2 Conditions for safe storage, including any incompatibilities**

- Compatible materials: stainless steel, polyethylene, paper

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

- Avoid temperatures: >70 °C (melted substance)
- Incompatible materials ; None in particular.
- Instructions as regards storage premises : Adequately ventilated premises.

### 7.3 Specific end use(s)

- See Section 1
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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

- No occupational exposure limit available

#### 8.1.1 DNEL/DMEL

N.A

#### 8.1.2 PNEC

N.A

### 8.2 Exposure controls

Eye protection:

No special precautions must be adopted for normal use. Anyway, operate according good working practices.

Protection for skin:

Overall.

Protection for hands:

No special precautions must be adopted for normal use.

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

None.

Appropriate engineering controls:

None.

### 8.3 Environmental exposure controls

- None. Use according to good practices of work
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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Appearance: Flakes
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## SECTION 9: Physical and chemical properties (....)

- Colour: White to yellowish
- Odour: Typical
- pH: No data available
- Melting point/Range: C.a. 55°C
- Boiling Point/Range: > 250°C
- Solubility in water: Insoluble
- Flash Point: > 125°C
  
- Relative density 0.850 g/ml at 60°C
- Decomposition temperature > 200°C
- Evaporation Rate: Not applicable
- Flammability (solid, gaseous) n.a
- Upper/lower flammable or explosive limits n.a
- Vapour Pressure: Not applicable
- Vapour Density: Not applicable (solid)
- Solubility in oil: n.d
  
- Partition Coefficient (n-Octanol/Water): No information available
- Auto-Ignition Temperature: N.d
- Viscosity: Not applicable
- Explosive Properties: No information available
- Oxidising Properties: No information available

### 9.2 Other information

- No further relevant information available.

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

- Stable under normal conditions

### 10.2 Chemical stability

- Stable under normal conditions

### 10.3 Possibility of hazardous reactions

- None

### 10.4 Conditions to avoid

- Stable under normal conditions

### 10.5 Incompatible materials

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

- Avoid contact with powerful oxidising agents

### 10.6 Hazardous decomposition products

- It may generate irritant/toxic mists/gases
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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as N.A:

Toxicological information of the substance:

Stearic acid - CAS: 67701-03-5

Acute toxicity:

Not classified

Based on available data, the classification criteria are not met

Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg

### 11.2 Serious eye damage/irritation

Not classified

Based on available data, the classification criteria are not met

Test: Eye Irritant - Route: Eyes - Species: Rabbit Negative

### 11.3 Skin corrosion/irritation

Not classified

Based on available data, the classification criteria are not met

Test: Skin Irritant - Route: Skin - Species: Rabbit Negative - Duration: 4h

### 11.4 Ingestion

- Based on available data the classification criteria are not met

### 11.5 Inhalation

Not classified

Based on available data, the classification criteria are not met

Test: Skin Sensitization - Route: Skin Negative

### 11.6 Carcinogenicity

- Based on available data, the classification criteria are not met.

### 11.7 Germ cell mutagenicity

- Based on available data, the classification criteria are not met.

### 11.8 Teratogenicity

- Based on available data, the classification criteria are not met.
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## SECTION 12: Ecological information

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## SECTION 12: Ecological information (....)

### 12.1 Toxicity

Degradability: The surfactant can be considered "Easily biodegradable" in relation to EC directives. The product has biodegradability according to the OECD methods (Organization for Economic Cooperation and Development) such that it can be used in "detergent" products as required by EC Regulation No. 648/2004

COD: n.d.

AOX: none

Heavy metals: none

Stearic acid - CAS: 67701-03-5

Not classified for environmental hazards

Based on available data, the classification criteria are not met.

Aquatic acute toxicity:

End point: LC50 - Species: Carassius Auratus > 100 mg/l - Duration h: 96

End point: EC50 - Species: Daphnia > 100 mg/l - Duration h: 48

### 12.2 Persistence and degradability

Stearic acid - CAS: 67701-03-5

Biodegradability: Not persistent and Biodegradable - Test: Method OECD 301 - Duration: 28 d > -

%: 60 - Notes: Easily biodegradable

### 12.3 Bioaccumulative potential

- No data

### 12.4 Mobility in soil

- N/A

### 12.5 Results of PBT and vPvB assessment

- No data

### 12.6 Other adverse effects

- None

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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

Recover if possible or confer to authorised plants or to incineration in controlled conditions. For handling and provisions in case of accidental dispersion of the waste refer to the general indication given in sections 6 and 7. Give back containers to Supplier, In any case, evaluate the composition of the waste itself. Work in compliance with local and national dispositions.

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## SECTION 14: Transport information

### 14.1 UN number or ID number

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## SECTION 14: Transport information (....)

- 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

- N.A

### 14.6 Special precautions for user

- N.A

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

- N.A
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## SECTION 15: Regulatory information

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

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) 2015/830

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Regulation (EU) n. 2015/1221 (ATP 7 CLP)

Regulation (EU) n. 2016/918 (ATP 8 CLP)

Regulation (EU) n. 2016/1179 (ATP 9 CLP)

Regulation (EU) n. 2017/776 (ATP 10 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

No restriction.

Restrictions related to the substances contained:

No restriction.

Where applicable, refer to the following regulatory provisions:

Directive 2012/18/EU (Seveso III)

Regulation (EC) nr 648/2004 (detergents).

Dir. 2004/42/EC (VOC directive)



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**SECTION 15: Regulatory information (....)**

Provisions related to directive EU 2012/18 (Seveso III):  
N.A

**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.

Soapmakers Store is a Division of Aroma Trading Ltd, Registered No. 02698381, V.A.T. Registration No. 600 516 981 and as such, shall not be held liable for any damage resulting from handling or from contact with the product, since the conditions of use are out of our control. It is the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

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