



# Stearic Acid

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

### 1.1. Product identifier

Product name: Stearic Acid  
CAS Number: 57-11-4  
EC Number: 200-313-4

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

Identified use: Laboratory chemicals, manufacture of substances

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

Company name: East Harbour Group Ltd  
20 Clough Road, Severalls Industrial Park  
Colchester, Essex, CO4 9QS  
United Kingdom

Telephone: +44 (0) 333 242 0100  
Email: [info@eastharbourgroup.com](mailto:info@eastharbourgroup.com)

### 1.4 Emergency telephone number

Emergency telephone: 0800 246 1274

## Section 2: Hazardous identification

### 2.1 Classification of the substance or mixture

H315 – Causes skin irritation

### 2.2 Label elements



Warning



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## Section 3: Composition/information on ingredients

### 3.2 Mixtures

CAS #	Content (W/W)	Ingredients
200-313-4	-	Stearic Acid

Chemical name: Stearic Acid

Common name / synonyms: -

## Section 4: First aid measures

### 4.1 Description of first aid measures

In case of skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.

In case of eye contact: Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention.

If swallowed: Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth thoroughly. Seek medical attention.

If inhaled: Move the exposed person to fresh air. If breathing stops, provide artificial respiration.

## Section 5: Fire-fighting measures

### 5.1 Fire Fighting Media and Instructions:

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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

No information available.

### 5.3 Advice for firefighters

Wear suitable respiratory equipment when necessary.

## Section 6: Accidental release measures

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

Wear suitable protective clothing. Avoid breathing vapours, mist or gas. Avoid formation of dust. Ensure adequate ventilation of the working area. Evacuate personnel to a safe area.



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## 6.2 Environmental precautions

Prevent further spillage if safe. Do not allow product to enter drains.

## 6.3 Methods and material for containment and cleaning up

Avoid raising dust. Sweep up. Transfer to suitable, labelled containers for disposal.

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid formation of dust. Ensure adequate ventilation of the working area.

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

Store in a cool, dry area. Keep container tightly closed.

## Section 8: Exposure controls/personal protection

### 8.1 Control parameters

Stearic Acid CAS No: 57-11-4	Long Term (8hr TWA)	Short Term (15 min period STEL)
Ppm	N/A	N/A
Mg/m3	N/A	N/A

### 8.2 Exposure controls

Appropriate engineering controls: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the working day. Ensure adequate ventilation of the working area.

### 8.3 Personal protective equipment

Eye/face protection: Approved safety glasses. Face shield where appropriate.

Skin protection: Wear suitable protective clothing and gloves.

Respiratory protection: Where risk assessment shows it is necessary, use a dust mask type or breathing apparatus.

## Section 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	No information available
<b>Physical State</b>	Solid
<b>Odor</b>	No information available
<b>Odor Threshold</b>	No information available
<b>pH</b>	No information available



# Stearic Acid

<b>Melting Point/Range</b>	67-72 C
<b>Boiling Point/Range</b>	361 C
<b>Flash Point</b>	No information available
<b>Evaporation Rate</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Explosion Limits</b>	No information available
<b>Vapor Pressure</b>	No information available
<b>Vapor Density</b>	No information available
<b>Specific Gravity / Density</b>	No information available
<b>Bulk Density</b>	0.845
<b>Water Solubility</b>	No information available
<b>Solubility in other solvents</b>	No information available
<b>Partition Coefficient</b>	No information available
<b>Auto-ignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available

## Section 10: Stability and Reactivity

<b>10.1 Reactivity</b>	No information available
<b>10.2 Chemical Stability</b>	Stable under normal conditions
<b>10.3 Possibility of hazardous reactions</b>	No information available
<b>10.4 Conditions to avoid</b>	No information available
<b>10.5 Incompatible materials</b>	No information available
<b>10.6 Hazardous decomposition products</b>	No information available

## Section 11: Toxicological Information

### Product Information

#### 11.1 Toxicological effects:

Oral rat LD50 mg/kg: 2000

#### 11.2. Acute Toxicity:

No information available

## Section 12: Ecological Information

### 12.1 Toxicity

#### Ecotoxicity effects

EC50 Daphnia magna: No information available (water flea) mg/l – 48hr



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## Section 13: Disposal considerations

### 13.1 Waste treatment methods

**Waste disposal of substance:**

Contact a licensed waste disposal company. Dispose of this material and its container to hazardous or special waste collection point.

## Section 14: Transport Information

IMDG: Not dangerous goods

IATA: Not dangerous goods

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

## Section 15: Regulatory Information

Regulations: Labelling according to Regulation (EC) No 1272/2008

