

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

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

Stearic Acid

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/m ³	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

Appearance	No information available
Physical State	Solid
Odor	No information available
Odor Threshold	No information available
pH	No information available

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

Section 10: Stability and Reactivity

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