

Safety Data Sheet

Stearic Acid

1. Identification of the Substance/Mixture and of the Company

1.1 Product Identifier

Product Name: Stearic Acid

INCI: Stearic Acid

1.2 Relevant Identified Product Use

Intended Use: Used in customer substance/mixture/product.

1.3 Details of the Supplier of the Safety Data Sheet

Candora Soap Inc.
980 Adelaide St. S,
London, On. N6E-1R3
519-685-3111
www.candorasoap.ca

1.4 Emergency Telephone Number

(800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands
+1 (813) 248-0585 International

2. Hazards Identification

2.1 Classification of the Substance or Mixture

Classification According to GHS: Not considered hazardous.

Classification Other: Not considered hazardous.

2.2 Label Elements

Labelling (GHS)

Hazard Pictograms

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Signal Word: Not required. Not considered hazardous.

Hazard Statements: Not required. Not considered hazardous.

Precautionary Statements: Not required. Not considered hazardous.

2.3 Other Hazards

No data available.

3. Composition/Information on Ingredients

3.1 Mixtures

Ingredient	CAS#	Weight %
Stearic Acid	57-11-4	32 – 72
Fatty Acids, C16-18	67701-03-5	27 – 66
Tetradecanoic Acid	544-63-8	<= 1.5

4. First Aid Measures

4.1 Description of First Aid Measures

Inhalation:	When symptoms occur, go into open air and ventilate suspected area.
Eye Exposure:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
Skin Exposure:	Remove contaminated clothing. Drench affected area with water for at least 15 minutes.
Ingestion:	Rinse mouth. Do NOT induce vomiting.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms:	If a large quantity has been ingested: may cause nausea, vomiting, and diarrhea.
Risks:	No data available.



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4.3 Indication of any Immediate Medical Attention and Special Treatment Needed

Treatment: Treat symptomatically.

5. Firefighting Measures

5.1 Extinguishing Media

Suitable: Sand, Carbon Dioxide, Dry Chemical. Use extinguishing media appropriate for surrounding fire.

Unsuitable: Do not use water jet.

5.2 Special Hazards Arising from the Substance or Mixture

During Firefighting: Not considered flammable but will burn at high temperatures. Product is not explosive. Hazardous reactions will not occur under normal conditions.

5.3 Advice for Firefighters

Further Information: Exercise caution when fighting any chemical fire. Do not enter fire area without proper protective equipment, including respiratory protection. Liquid product may have temperature exceeding 50°C.

6. Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Handle in accordance with good industrial hygiene and safety practice. Use appropriate personal protection equipment. Equip cleanup crew with proper protection. Ventilate area.

6.2 Environmental Precautions

Prevent entry to sewers and public waters.

6.3 Methods and Materials for Containment and Cleaning Up

Clean up spills immediately and dispose of waste safely. Contain and collect as any solid.



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6.4 Reference to Other Sections

Not applicable.

7. Handling and Storage

7.1 Precautions for Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking, and again when leaving work.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Keep container closed when not in use. Keep away from heat and direct sunlight. Keep away from strong oxidizers.

7.3 Specific End Uses

No information available.

8. Exposure Controls/Personal Protection

8.1 Control Parameters

Exposure Limits: Contains no substances with occupational exposure limit values.

Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

8.2 Exposure Controls – Personal Protective Equipment

Eye Protection: Safety glasses are recommended.

Respiratory Protection: Wear approved NIOSH mask.

Skin Protection: Wear chemically resistant protective gloves.

General Hygiene

Considerations: Handle in accordance with good industrial hygiene and safety practice.

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9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Appearance:	White Waxy Flakes.
Odour:	No data available.
Freezing Point:	No data available.
Boiling Point:	> 300°C
Melting Point:	55 – 60°C
Flashpoint:	> 200°C
Auto-ignition Temperature:	> 250°C
Explosive Properties:	No data available.
Oxidizing Properties:	No data available.
Vapour Pressure:	< 1mmHg @ 131°C
%VOC:	No data available.
Specific Gravity:	No data available.
Density:	No data available.
Refractive Index:	No data available.
Solubilities:	No data available.

10. Stability and Reactivity

10.1 Reactivity:	No information available.
10.2 Chemical Stability:	Stable under normal conditions.
10.3 Possibility of Hazardous Reactions:	Hazardous polymerization will not occur.
10.4 Conditions to Avoid:	Direct sunlight. Extremely high or low temperatures.
10.5 Incompatible Materials:	Strong oxidizers.
10.6 Hazardous Decomposition Products:	Carbon oxides.

11. Toxicological Information

11.1 Toxicological Effects

Acute Toxicity – Oral:	If a large quantity has been ingested. May cause nausea, vomiting, and diarrhea.
Acute Toxicity – Dermal:	Not classified – the classification criteria are not met.
Acute Toxicity – Inhalation:	Not classified – the classification criteria are not met.
Skin Corrosion/Irritation:	Not classified – the classification criteria are not met.



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Serious Eye Damage/Irritation:

Respiratory Sensitization:

Skin Sensitization:

Germ Cell Mutagenicity:

Carcinogenicity:

Reproductive Toxicity:

Specific Target Organ Toxicity –

Single Exposure:

Specific Target Organ Toxicity –

Repeated Exposure:

Aspiration Hazard:

May cause slight irritation to eyes.

Not classified – the classification criteria are not met.

Contact during a long period may cause slight irritation.

Not classified – the classification criteria are not met.

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12. Ecological Information

12.1 Toxicity

Acute Aquatic Toxicity:

No data available.

Chronic Aquatic Toxicity:

No data available.

Toxicity Data on Soil:

No data available.

Toxicity on Other Organisms:

No data available.

12.2 Persistence and Degradability:

Easily biodegradable.

12.3 Bioaccumulative Potential:

No data available.

12.4 Mobility in Soil:

No data available.

12.5 Other Adverse Effects:

Avoid release to environment.

13. Disposal Conditions

13.1 Waste Treatment Methods

Dispose of in accordance with all local, federal or provincial, and national regulations.

14. Transport Information

Regulator

Class

Pack Group

Sub Risk

UN-nr.

U.S. DOT (Non-Bulk)

Chemicals NOI

Not regulated – Not dangerous goods.



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ADR/RID (International Road/Rail)	
Chemicals NOI	Not regulated – Not dangerous goods.
IATA (Air Cargo)	
Chemicals NOI	Not regulated – Not dangerous goods.
IMDG (Sea)	
Chemicals NOI	Not regulated – Not dangerous goods.

15. Regulatory Information

U.S. Federal Regulations:

TSCA (Toxic Substance Control Act):	All components of the substance/mixture are listed or exempt.
40 CER (EPCRA, SARA, CERCLA and CAA):	This product contains NO components of concern.

U.S. State Regulations:

California Proposition 65 Warning: This product contains NO components of concern.

Canadian Regulations:

DSL/NDSL 100% of the components are listed or exempt.

16. Other Information

Remarks:

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Candora Soap Inc. provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of Candora Soap Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage



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