

Safety Data Sheet Stearic Acid (V000832)

November 23, 2020

Section 1: Chemical Product and Company Identification

Product name:	Stearic Acid
Contact Info:	Bramble Berry Inc. 2138 Humboldt Street Bellingham, WA 98225 info@brambleberry.com www.brambleberry.com 1-877-627-7883
Emergency Phone Number:	Within USA & Canada: 1.800.424.9300 CCN693143 Outside USA & Canada: +1.703.527.3887 (collect calls accepted)

Section 2: Hazards Identification

Classification: GHS Classification: Not classified as hazardous under any GHS hazard class.

GHS Label Elements:

Pictogram: Not Applicable
Signal Word: Not Applicable
Hazard Statements: Not Applicable
Precautionary Statements: Not Applicable
HMIS Classification: Health Hazard: 1
Flammability: 1
Physical Hazards: 0
NFPA Rating: Health Hazard: 1
Fire: 1
Reactivity Hazard: 0

Potential Health Effects:

Inhalation: Inhalation of dusts may cause respiratory irritation.
Skin: Contact may cause skin irritation.
Eyes: Contact may cause eye irritation. Avoid contact with airborne dust.
Ingestion: Ingestion may cause irritation. Unlikely to cause serious harm.

Section 3: Composition/Information on Ingredients

Component	CAS Number	Concentration
C16-C18 Fatty Acids	67701-03-5	100%

Section 4: First Aid Measures

If Inhaled: If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician if symptoms are experienced.

Skin Contact: Flush skin with plenty of water. Remove contaminated clothing and shoes. If irritation persists, consult a physician.

Eye Contact: Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if able to do so. Get medical attention/advice.

If Ingested: Do not induce vomiting unless instructed to do so by a physician. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Section 5: Fire-Fighting Measures

Flammability Overview: Considered a low flammability risk. Will burn in a fire. Flash Point: >200°C (392°F)

Extinguishing Media: Use water-spray, alcohol-resistant foam, dry chemical, or carbon dioxide. Tailor extinguishing media to surrounding fire.

Special Protective Equipment for Firefighters: Wear a self-contained breathing apparatus (SCBA) for fighting large fires.

Hazardous Combustion Products: Mostly Carbon Oxides.

Section 6: Accidental Release Measures

Personal Precautions: Use personal protective equipment. Use only non-sparking tools. Avoid inhalation of dust from the spilled material. No action should be taken involving any personal risk or without suitable training.

Environmental Precautions: If safe to do so, avoid the dispersal of spilled material and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution. This material is possibly hazardous to the aquatic environment. Collect spillage.

Containment and Clean Up: If safe to do so, stop the leak or spill. Eliminate all ignition sources. Avoid dispersal of dust in the air. Collect spilled material with a clean shovel and place material in a container for disposal according to local regulations. If sweeping is necessary, use a dust suppressant agent which does not react with the products. If assistance is needed call CHEMTREC or emergency services.

Section 7: Handling and Storage

Safe Handling: Use personal protective equipment. Always ensure adequate ventilation. Wash hands thoroughly after handling. Avoid the creation of airborne dust.

Safe Storage: Keep containers tightly closed in a dry well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Guard against dust accumulation of this material. Store away from incompatible materials.



Section 8: Exposure Controls/Personal Protection

Exposure Limits

Component: N/A

CAS Number: N/A

Exposure Limits: N/A

Basis: N/A

Personal Protective Equipment

Eye Protection: Tightly fitting safety goggles or safety glasses should be sufficient. Have eye-wash stations available where eye contact can occur.

Hand Protection: Handle with chemical-resistant gloves. Gloves must be inspected prior to use. Dispose of contaminated gloves. Wash and dry hands after use.

Skin Protection: Wear long sleeves, a chemical apron, or other protective clothing to prevent skin contact. Safety showers should be located in the areas where skin contact can occur.

Respiratory Protection: Always ensure adequate ventilation. A dust mask is recommended for applications where dust or powder will cause inhalation hazards. Where risk assessment shows air-purifying respirators are appropriate, use a NIOSH-approved full-face respirator with appropriate cartridges.

General Controls: Always ensure adequate ventilation and that working areas contain safety showers and eye wash stations. Handle material in accordance with good industrial hygiene and safety practices.

Section 9: Physical and Chemical Properties

Physical state: Waxy Solid

Appearance: Pale

Odor: Mild Fatty Acid

Odor threshold: N/A

pH: N/A

Melting point / freezing point: 55°C (131°F)

Boiling point / boiling range: >300°C (572°F)

Flash point: >200 °C (392°F)

Evaporation rate: N/A

Flammability (solid, gas): N/A

Flammability Limit: N/A

Vapor pressure @ 20°C: N/A

Vapor density: N/A

Specific Gravity: N/A

Density: 0.85 g/cm³

Solubility in water: Insoluble

Partition coefficient: N/A

Autoignition temperature: N/A

Decomposition temperature: N/A

Viscosity: N/A



Section 10: Stability and Reactivity

Chemical Stability: Stable under recommended storage conditions.

Conditions and Materials to Avoid: Keep away from heat, sparks and open flame. Avoid dispersal of dust in the air which can cause a combustion hazard. Avoid strong oxidizing agents and strong acids.

Hazardous Decomposition Products: Under fire conditions: Mostly Carbon Oxides

Section 11: Toxicological Information

Acute Toxicity

Component	CAS Number	Test	Toxicity
C16-C18 Fatty Acids	67701-03-5	Oral LD50 (Rat)	>5000 mg/kg
		Dermal LD50 (Rabbit)	>2000 mg/kg
		Inhalation LC50	No specific data available

Potential Health Effects

Inhalation: Inhalation of dusts may cause respiratory irritation.

Skin: Contact may cause skin irritation.

Eyes: Contact may cause eye irritation. Avoid contact with airborne dust.

Ingestion: Ingestion may cause irritation. Unlikely to cause serious harm.

Signs and Symptoms of Exposure: Irritation. Redness. Watering Eyes.

Chronic Effects of Long-term Exposure: No known significant effects or critical hazards.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Section 12: Ecological Information

Acute Ecotoxicity

Component	CAS Number	Organism	Ecotoxicity
N/A	N/A	N/A	N/A

Persistence and degradability

Expected to be readily biodegradable

Bioaccumulation Potential

Not expected to bioaccumulate

Mobility in soil

No specific data available

Other adverse effects

Not expected to be a significant hazard to aquatic organisms or the environment, but the product should not be released into sewers, drains, and other waterways. Collect spills.



Section 13: Disposal Conditions

Disposal: The generation of waste should be avoided or minimized wherever possible. Material should be disposed of in accordance with all local, state, and federal regulations. Regulations vary by region. Avoid release into the soil, sewers, drains, and other waterways.

Contaminated Packaging: Waste packaging should be recycled or reused whenever possible. If recycling is not feasible, contaminated packaging should be disposed of in accordance with all local, state, and federal regulations. Regulations vary by region.

Section 14: Transport Information

DOT Information

Proper Shipping Name: N/A

UN Number: N/A

Hazard Class: N/A

Packing Group: N/A

Reportable Quantity (RQ): N/A

Marine Pollutant: No

Note: Not regulated for ground transport.

Section 15: Regulatory Information

US Federal

SARA 302 Components: None Listed

SARA 311/312 Hazards: None Listed

SARA 313 Components: None Listed

TSCA Inventory: All components listed or exempted.

European Union

EC Inventory: All components listed or exempted.

State Regulations

CA Prop 65: None listed

Section 16: Other Information

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