SAFETY DATA SHEET

Stearic Acid Triple Pressed

Prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200) and GHS

SDS DATE	VERSION	PRODUCT CODE (SKU)	CAS NO.
10/29/2026	1.0	STRCACID-XXX-1LB	57-11-4 (main component)

SECTION 1: IDENTIFICATION

1.1 Product identifier

Product name	**Stearic Acid Triple Pressed**
Product code (SKU)	STRCACID-XXX-1LB
Chemical name / synonyms	Stearic acid, triple pressed; fatty acids, C16-18
CAS No.	57-11-4; 67701-03-5; 544-63-8
Product form	Mixture

1.2 Recommended use and restrictions on use

Recommended use	Raw material for formulation and manufacture of cosmetic, personal-care and holistic products (for example as an emulsifier in creams and lotions and shaving-cream formulations).
Uses advised against	None identified by the manufacturer.

1.3 Responsible party and supplier

Supplier / responsible party	**LA Ingredients** 853 Sandhill Avenue Carson, CA 90746, USA
Email / website	support@laingredients.com laingredients.com

1.4 Emergency telephone number

Emergency telephone (24 hours)	**+1 656 232 3588** Hazmat Line Emergency Response (24 hours a day, 7 days a week)

SECTION 2: HAZARD(S) IDENTIFICATION

2.1 Classification of the substance or mixture (GHS / OSHA HCS 2012)

Not classified as hazardous under the OSHA Hazard Communication Standard (GHS-US).

2.2 GHS label elements

Signal word	None
Hazard statement(s)	None. No labeling applicable.
Precautionary statement(s)	None. No labeling applicable.

2.3 Hazards not otherwise classified (HNOC)

No additional information available. Individual components are listed by the manufacturer with the classifications shown in Section 3 (Combustible Dust, H232; Eye Irrit. 2A, H319). They are present below the levels that classify the mixture. The H232 entry means the material may form combustible dust concentrations in air if it is ground, powdered or dusty.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Mixture of fatty acids. Concentrations are ranges as reported by the manufacturer.

Chemical name	CAS No.	EC No.	Concentration	GHS classification
Stearic acid	57-11-4	—	32 – 72 %	Comb. Dust, H232
Fatty acids, C16-18	67701-03-5	—	27 – 66 %	Comb. Dust, H232
Tetradecanoic acid (myristic acid)	544-63-8	—	≤ 1.5 %	Eye Irrit. 2A, H319

SECTION 4: FIRST-AID MEASURES

4.1 Description of first-aid measures

General advice	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
Inhalation	When symptoms occur: go into open air and ventilate the suspected area.
Skin contact	Remove contaminated clothing. Drench the affected area with water for at least 15 minutes.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion	Rinse mouth. Do NOT induce vomiting.

4.2 Most important symptoms and effects, acute and delayed

None expected under normal conditions of use.

Skin: contact over a long period may cause slight irritation.

Eyes: may cause slight irritation.

Ingestion: a large quantity may cause nausea, vomiting and diarrhea.

4.3 Immediate medical attention and special treatment

If medical advice is needed, have the product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable	Use extinguishing media appropriate for the surrounding fire: sand, carbon dioxide, dry chemical.
Unsuitable	Do not use a water jet.

5.2 Special hazards arising from the substance or mixture

Fire hazard: not considered flammable but will burn at high temperatures.

Explosion hazard: product is not explosive.

Reactivity: hazardous reactions will not occur under normal conditions.

5.3 Advice for fire-fighters

Exercise caution when fighting any chemical fire. Do not enter the fire area without proper protective equipment, including respiratory protection.

Molten product may be at a temperature above 50 °C.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Handle in accordance with good industrial hygiene and safety practice.

Non-emergency personnel: use appropriate personal protective equipment (PPE). Evacuate unnecessary personnel.

Emergency responders: equip the clean-up crew with proper protection. Ventilate the area.

6.2 Environmental precautions

Prevent entry to sewers and public waters.

6.3 Methods and materials for containment and cleaning up

Contain and collect as any solid. Clean up spills immediately and dispose of waste safely. See Section 8.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

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

7.2 Conditions for safe storage, including incompatibilities

Store in a dry, cool, well-ventilated place. Keep the container closed when not in use. Keep away from heat and direct sunlight.

Incompatible products: strong oxidizers.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

For the substances listed in Section 3 there are no established exposure limits from the manufacturer, supplier, importer or the appropriate advisory agencies (ACGIH TLV, NIOSH REL, OSHA PEL).

8.2 Appropriate engineering controls

Emergency eye-wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Observe all national and local regulations.

8.3 Individual protection measures / personal protective equipment (PPE)

Eye / face	Chemical goggles or safety glasses.
Skin / hands	Wear chemically resistant protective gloves.
Body	None specified by the manufacturer. Wear gloves and eye protection (see above).
Respiratory	Wear an approved mask.
Hygiene	When using, do not eat, drink or smoke. Wash hands and other exposed areas with mild soap and water after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state / appearance	Solid; white; waxy; flakes, beads or powder

Odor	No data available
Odor threshold	No data available
pH	No data available
Melting point	55–60 °C (131–140 °F)
Freezing point	No data available
Boiling point	> 300 °C (572 °F)
Flash point	> 200 °C (392 °F)
Evaporation rate (butyl acetate = 1)	No data available
Flammability (solid, gas)	No data available
Upper / lower flammability or explosive limits	Not applicable
Vapor pressure	< 1 mmHg at 131 °C 5.06E-5 hPa at 250 °C
Vapor density	No data available
Specific gravity	0.85 g/mL at 75 °C
Solubility	Water: insoluble (approx. 5E-5 g/L at 20 °C) Ethanol, ether and organic solvents: soluble
Partition coefficient (n-octanol/water)	log Pow: 7.05–8.23
Auto-ignition temperature	> 250 °C (482 °F)
Decomposition temperature	No data available
Viscosity	Dynamic: 8.04 mPa·s at 65 °C
Explosive properties	No data available
Oxidizing properties	No data available

9.2 Other information

No additional information available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Hazardous reactions will not occur under normal conditions.
10.2 Chemical stability	Stable under normal temperature and pressure.
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 (CO, CO2).

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity	Not classified. Fatty acids, C16-18 (67701-03-5): LD50 oral, rat > 5,000 mg/kg; LD50 dermal, rabbit > 2,000 mg/kg; LC50 inhalation, rat > 0.16 mg/L (4 h) Stearic acid (57-11-4): LD50 oral, rat > 5,000 mg/kg; LD50 dermal, rat > 2,000 mg/kg Tetradecanoic acid (544-63-8): LD50 oral, rat > 10 g/kg
Skin corrosion / irritation	Not classified. (Contact over a long period may cause slight irritation.)
Serious eye damage / irritation	Not classified. (May cause slight irritation to the eyes.)
Respiratory or skin sensitization	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
STOT – single exposure	Not classified.
STOT – repeated exposure	Not classified.
Aspiration hazard	Not classified.
Likely routes of exposure / symptoms	Inhalation: none expected under normal conditions of use. Skin: contact over a long period may cause slight irritation. Eyes: may cause slight irritation. Ingestion: a large quantity may cause nausea, vomiting and diarrhea.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity	Fatty acids, C16-18 (67701-03-5): fish LC50 > 10,000 mg/L; daphnia EC50 > 4.8 mg/L; chronic algae NOEC > 0.9 mg/L Tetradecanoic acid (544-63-8): fish LC50, Oryzias latipes, 118 mg/L, 96 h, static
12.2 Persistence and degradability	Easily biodegradable.
12.3 Bioaccumulative potential	log Pow 7.05–8.23 (n-octanol/water). Bioaccumulative potential: not established. Tetradecanoic acid (544-63-8): log Pow 5.9.
12.4 Mobility in soil	No reliable data available.
12.5 Other adverse effects	Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Product	Dispose of waste material in accordance with all local, regional, national and international regulations.
Contaminated packaging	Dispose of in accordance with all local, regional, national and international regulations.

SECTION 14: TRANSPORT INFORMATION

DOT (US)	UN number: not regulated for transport. Proper shipping name: not regulated for transport.
IMDG (sea)	Not regulated for transport.
IATA (air)	Not regulated for transport.
Additional information	No supplementary information available.

SECTION 15: REGULATORY INFORMATION

TSCA	Stearic acid (57-11-4), fatty acids C16-18 (67701-03-5) and tetradecanoic acid (544-63-8) are each listed on the United States TSCA Inventory.
State lists	Neither this product nor its chemical components appear on any US state lists (as reported by the manufacturer).

SECTION 16: OTHER INFORMATION

Date of issue / last revision	10/29/2026
Version	1.0
Supersedes	**None (first issue)**
Prepared by	LA Ingredients, 853 Sandhill Avenue, Carson, CA 90746 | support@laingredients.com
Basis of this SDS	Manufacturer's safety data sheet for triple pressed stearic acid, version 1.0, revision date 05/14/2015.

Key to abbreviations

CAS = Chemical Abstracts Service; EC = European Community number; GHS = Globally Harmonized System; OSHA HCS = OSHA Hazard Communication Standard; PEL = Permissible Exposure Limit; TWA = time-weighted average; LD50 / LC50 = median lethal dose / concentration; EC50 = median effective concentration; PBT / vPvB = persistent, bioaccumulative, toxic / very persistent, very bioaccumulative; DOT = US Department of Transportation; IMDG = International Maritime Dangerous Goods Code; IATA = International Air Transport Association; TSCA = Toxic Substances Control Act; SARA = Superfund Amendments and Reauthorization Act; Comb. Dust = combustible dust; Eye Irrit. = eye irritation; NOEC = no-observed-effect concentration; STOT = specific target organ toxicity; TLV = Threshold Limit Value; REL = Recommended Exposure Limit.

Full text of H-statements referred to in Sections 2 and 3

Comb. Dust – Combustible dust.

Eye Irrit. 2A – Serious eye damage / eye irritation, Category 2A.

H232 – May form combustible dust concentrations in air.

H319 – Causes serious eye irritation.

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