



MATERIAL SAFETY DATA SHEET – MSDS

STEARIC ACID 4CVP5357

Date of issue: September 2022

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND TRADE NAME

Name / Commercial Brand : STEARIC ACID
Company name : LATITUDE NATURE
Address : 6 rue Gutenberg
: 44118 La Chevrolière
France
Emergency number : 112
E-mail : info@latitudenature.com

2. HAZARDS IDENTIFICATION

Not a dangerous substance according to GHS.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical characterization / Description: Stearic Acid 4CVP5357

CAS-No : 67701-03-5

EINECS-No : 266-928-5

Additional information: None

4. FIRST AID MEASURES

When inhaled: Sore throat, cough. Remove to fresh air. If suffocation is serious, take to a doctor.

When in contact with skin: Redness, pain. Remove contaminated clothing. Flush skin with

water or shower; take to a doctor if necessary.

When contact with eyes: Redness, pain. Flush skin with water or shower; take to a doctor if necessary.

When ingested: Sore throat, abdominal pain. Rinse mouth, drink plenty of water, see physician.

Advice to physician: No additional information available.

5. FIRE-FIGHTING MEASURES

Suitable fire-fighting agents: Use dry powder, foam, carbon dioxide.

Unsuitable extinguishing media: Never use water jet

Special hazards in the event of fire: Combustible, keep away from open flame, no smoking.

Protection of fire-fighters (use of protective equipment, etc.): Use self-contained breathing equipment if in confined place.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Use gloves, face shield.

Environment precautions: Do not allow to flow into drainage system.

Methods and materials for containment and cleaning up: Collect leakage in sealable containers, soak up with sand or other inert absorbent and remove to safe place. Wash site with sodium bicarbonate solution or soda ash. Wipe clean. Can also allow spillage to solidify, and then shovel into containers. Clean up area immediately.

7. HANDLING AND STORAGE

Precautions for safe handling: Use gloves and wear goggles when handling.

Conditions for safe storage, including any incompatibilities: Keep in a cool and dry place, avoid extreme heat and cold.

Avoid direct fire. Keep separate from oxidants.

Store in clean, dry, preferably stainless steel vessels.

In bulk, store at about 10 deg C above melting point or ambient. Temperature higher than necessary degrades quality at rate dependent on time and temperature of exposure. Exposure to ultraviolet light and sunlight must be minimised to prevent quality loss.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters: None.

Appropriate engineering controls: No special measures required.

Individual protection measures, such as personal protective equipment (PPE): Immediately remove soiled or soaked clothing.

Hand protection: Suitable protective gloves.

Eye protection: Protective goggles.

Body protection: Suitable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Designation	Value
Appearance	solid
Odour	fatty
Odour threshold	not available
pH	not available
Melting point/freezing point	approx. 54°C
Initial boiling point and range	200-225°C
Flash point	<180°C
Evaporation rate	not applicable
Flammability	not flammable
Upper/lower flammability or Explosive limits	not explosive
Vapour pressure	<1.0 mm Hg (131°C)
Vapour density	not available
Relative density	not available
Solubility	Insoluble
Partition coefficient:	n-octanol/water 5.2 (Annex IV)
Auto-ignition temperature	>250°C

Decomposition temperature	not available
Density (75°C)	0.86g/ml
Relative molecular mass	228.4

10. STABILITY AND REACTIVITY

Conditions to avoid: None known

Materials to avoid: None known if used for its intended purpose.

Hazardous decomposition products: None known if used for intended purpose.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: In case of appropriate handling and application no disadvantageous effects for health have been reported. Oral,rat: not available

Skin corrosion/Irritation: Primary skin irritation (rabbit): not available

Serious eye damage/Irritation: Not available

Respiratory or skin sensitization: Not available

Germ cell mutagenicity: Not available

Carcinogenicity: Not available

Reproductive toxicity: Not available

STOST-single/repeated exposure: Not available

Aspiration hazard: Not available

12. ECOLOGICAL INFORMATION

The following data are estimated on the basis of the raw materials contained in the product and/or of structurally comparable substances.

Aquatic toxicity:

Acute fish toxicity LC 50 >10 to 100 mg product/l

Acute bacteria toxicity EC 50 >100 mg product/l

Persistence and degradability: Readily biodegradable

13. DISPOSAL CONSIDERATIONS

Product Disposal: Waste incineration with the approval of the responsible local authority.

14. TRANSPORT INFORMATION

General precautions during transportation: Keep container closed, dry, cool.

Sea transportation (acc. to IMDG): Not regulated.

Road transportation (acc. to ADR): Not regulated.

Train transportation (acc. to RID): Not regulated.

Air transportation (acc. to ICAO): Not regulated.

15. ADDITIONAL REGULATORY INFORMATION

Classification and labelling according to GefStoffv:

Symbols of danger

Not subject of the identification according to GefStoffv

R-phrases: Not applicable.

S-phrases: Not applicable.

National prescriptions: WGK= 0. (Self-classification on the basis of component assessments or analogy Conclusions without addition/subtraction of points for good/poor biodegradability etc.)

16. OTHER INFORMATION

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particulars properties.