

SAFETY DATA SHEET

Linosa Polysorbate 60

CAS: 9005-67-8 | Ethoxylated Sorbitan Monostearate | Revision: May 2026

SECTION 1: Identification of the Substance and Company

1.1 Product Identifier

Product Name	Linosa Polysorbate 60
Chemical Name	Ethoxylated sorbitan monostearate
CAS Number	9005-67-8
EC Number	Polymer (no EC number assigned)
REACH Status	Polymer — no registration number required
Synonyms	Polyoxyethylene (20) sorbitan monostearate; PEG sorbitan monostearate; Tween 60
Content (min.)	> 97.0%

1.2 Identified Uses

Non-ionic surfactant. Emulsifier and stabiliser for food, pharmaceutical, industrial and cosmetic applications.

1.3 Supplier Details

Company	Linosa Ltd (Speciality Chemicals)
Address	ICG House, Station Approach, Oldfield Lane North, Greenford, Middlesex, UB6 0AL, UK
Telephone	+44 (0) 1923 842304
Email	linosa@btclick.com
Website	www.linosaltd.co.uk

1.4 Emergency Telephone

Business hours: +44 (0) 1923 842304. Out of hours: NHS Poisons Information Service — 0344 892 0111.

SECTION 2: Hazards Identification

2.1 Classification (CLP, EC No. 1272/2008)

NOT classified as hazardous according to Regulation (EC) No. 1272/2008.

2.2 Label Elements

Signal Word	None
Hazard Statements	None assigned.
Precautionary Stmts	Good hygiene practice should be observed (see Section 7).

Hazard Pictograms

None required.

2.3 Other Hazards

- No PBT or vPvB substances at $\geq 0.1\%$ (w/w). No SVHC content.

SECTION 3: Composition / Information on Ingredients

Chemical Identity	Ethoxylated sorbitan monostearate
CAS Number	9005-67-8
EC Number	Polymer
Content	> 97.0%
REACH Status	Polymer — no registration number required

SECTION 4: First Aid Measures

Skin Contact

Wash with plenty of soap and water. No specific hazards expected.

Eye Contact

Rinse immediately with plenty of clean running water for at least 15 minutes. Seek medical attention if irritation persists.

Inhalation

Remove to fresh air. Seek medical attention if symptoms develop.

Ingestion

Do not induce vomiting. Rinse mouth with water. Give water to drink. Seek medical attention.

4.2 Symptoms

None expected under normal handling conditions.

4.3 Medical Attention

Treat symptomatically.

SECTION 5: Fire-Fighting Measures

5.1 Extinguishing Media

Suitable: water spray, carbon dioxide (CO₂), dry chemical powder, alcohol-resistant foam.

Unsuitable: do not direct a heavy water jet — may spread the fire.

5.2 Special Hazards

- Containers may pressurise and burst if exposed to fire or heat.
- Combustion products: carbon dioxide (CO₂), carbon monoxide (CO).
- On combustion may produce heavy, irritating smoke.

5.3 Advice for Fire-Fighters

- Wear self-contained breathing apparatus (SCBA) with full face-piece in positive pressure mode.
- Wear full protective clothing conforming to EN 469.
- Collect contaminated fire-fighting water separately — do not allow to enter drains.

SECTION 6: Accidental Release Measures

6.1 Personal Precautions

Refer to Section 8 for PPE. Mark out contaminated area. Prevent access to unauthorised personnel.

6.2 Environmental Precautions

Do not discharge into drains or watercourses.

6.3 Clean-Up

- Transfer to a closable, labelled salvage container for disposal.
- Wash spillage site with large amounts of water.

6.4 Reference

See Sections 8 and 13.

SECTION 7: Handling and Storage

7.1 Handling

- Avoid contact with skin and eyes, inhalation of vapours and mists.
- Do not eat or drink while working. Wash hands after handling.
- Compatible container materials: stainless steel, polyethylene.

7.2 Storage

- Store in adequately ventilated premises, cool and dry.
- Keep containers sealed when not in use.
- Avoid contact with strong oxidising agents.

SECTION 8: Exposure Controls / Personal Protection

8.1 Control Parameters

No specific occupational exposure limits established.

8.2 PPE

Protection	Requirement
Eye / Face	Safety glasses.
Hands	PVC (polyvinyl chloride) gloves.
Skin / Body	Overalls.
Respiratory	Not required under normal conditions of use.

Property	Value
Physical State	Solid at 20°C
Colour	Amber / golden
Odour	Typical, mild
pH (5% solution)	5 – 7
Melting Point	approx. 40°C
Boiling Point	> 250°C
Flash Point	> 125°C
Solubility in Water	Soluble
Explosive Properties	Not of concern
Oxidising Properties	Not of concern

SECTION 10: Stability and Reactivity

Reactivity	No specific reactivity hazards under recommended conditions.
Chemical Stability	Stable under normal conditions.
Hazardous Reactions	Will not occur under normal storage or transport conditions.
Conditions to Avoid	Heat, flames, direct sunlight, sources of ignition.
Incompatible Materials	Strong oxidising agents.
Decomposition Products	May generate irritant/toxic mists and gases on combustion.

SECTION 11: Toxicological Information

Oral LD50 (Rat)	> 2,000 mg/kg — not classified
Skin Irritation (Rabbit)	Negative — not classified
Eye Irritation (Rabbit)	Negative — not classified
Sensitisation	Negative — not classified
Carcinogenicity	No data available
Reproductive Toxicity	No data available

SECTION 12: Ecological Information

12.1 Aquatic Toxicity

Test	Result	Species	Exposure
LC50 (96h) — Fish (<i>Carassius auratus</i>)	1 – 10 mg/l	—	—
EC50 (48h) — Daphnia	1 – 10 mg/l	—	—

12.2 Persistence

Readily biodegradable per EC regulations.

12.3 Bioaccumulation

No data available.

12.5 PBT/vPvB

Classification criteria not met.

SECTION 13: Disposal Considerations

13.1 Waste Treatment Methods

- Dispose of in accordance with applicable local, national and EU/UK waste management legislation.
- Dispose of via a licensed waste disposal contractor.
- Not classified as hazardous waste under EU Directive 2008/98/EC.
- Do not dispose of via drains or into the environment.

SECTION 14: Transport Information

NOT classified as a dangerous good under international transport regulations (ADR/RID, IMDG, ICAO/IATA).

Regulation	ADR/RID	ADN	IMDG	IATA
UN Number	Not regulated	Not regulated	Not regulated	Not regulated
Env. Hazard	No	No	No	No

SECTION 15: Regulatory Information

15.1 EU / UK Regulations

- REACH Regulation (EC) No. 1907/2006 — Annex XIV: not listed. Annex XVII: no restrictions. No SVHC components.
- CLP Regulation (EC) No. 1272/2008 — not classified as hazardous.
- Commission Regulation (EU) 2015/830 — SDS format compliance.

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out by Linosa Ltd for this product.

This surfactant complies with the biodegradability criteria of Regulation (EC) No. 648/2004 on detergents.

SECTION 16: Other Information

Original SDS	Linosa Polysorbate 60 SDS (Linosa Ltd), reformatted May 2026
Linosa Revision	May 2026
Prepared By	Linosa Ltd — Technical Department
SDS Format	GHS / REACH 16-section format per Commission Regulation (EU) 2015/830 / UK retained law

DISCLAIMER: The information contained in this Safety Data Sheet is based on the current state of knowledge and current legislation. It provides guidance on health, safety and environmental matters and should not be construed as a product guarantee. Linosa Ltd accepts no liability for any loss or damage arising from reliance on this information.