

1. IDENTIFICATION OF PRODUCT AND COMPANY

Trade name : **GLOMUL STS 52**
Other identifier : Sorbitan Tristearate, Sorbitan Esters, STS
Material Number : SQ-0010
Recommended Use : Food additive, Food emulsifier
Company name : Global Specialty Ingredients (M) Sdn Bhd
Address : Lot 16 & 18, Jalan Permata 9/KS9,
Taman Perindustrian Air Hitam,
41200 Klang, Selangor Darul Ehsan, Malaysia.
Telephone number : +603 3123 7171/ 7575
Email address : gsi@gsi-worldwide.com

2. HAZARD IDENTIFICATION

Hazard Classification

Physical hazard : Not classified as hazardous substance.
Health hazard : Not classified as hazardous substance.
Environmental hazard : Not classified as hazardous substance.
Other hazard : None known

Label Elements

Signal word : No signal word
Hazard symbol : No symbol
Hazard statement : No statement
Precautionary statement : No statement

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Substance

Chemical Name : Sorbitan, trioctadecanoate
Synonym : Sorbitan Tristearate
CAS No : 26658-19-5
EINECS No : 247-891-4
Ingredients or impurities that contribute to hazard: No data available

4. FIRST-AID MEASURES

Inhalation : If discomfort is felt, move to fresh air. Seek medical attention if irritation persists.
Skin contact : Wash affected areas with water and soap. Seek medical attention if irritation persists.
Eye contact : Immediately flush eyes with running water for at least 15 minutes. Remove any contact lenses.
Seek medical attention if irritation persists.
Ingestion : Rinse mouth thoroughly with water. Drink plenty of water. Seek medical attention if still feel unwell.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use dry chemical powder & carbon dioxide foam. Treat as burning melted fat
 Unsuitable extinguishing media : Water jet.
 Specific hazards arising from the substance or mixture : Powdered material may form explosive dust-air mixtures.
 Special protective action for firefighters : Use self-contained breathing apparatus and protective suit when fighting chemical fires.
 Use water spray to cool nearby containers and structures exposed to fire.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency : Use personal protective equipment. If spilled, take caution, as material can become very slippery. Avoid dust formation.
 Environmental precautions : No special environmental precautions required.
 Methods and materials for containment and cleaning up : Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to collect dust.

7. HANDLING AND STORAGE

- Precautions for safe handling : Avoid dust formation. Ensure adequate ventilation.
 Conditions for safe storage : The product must be stored under sheltered and well-ventilated warehouse, not exposed to moisture, direct sunlight, heat and flame. The product must be stored at cool and dry conditions in unbroken packaging. Deviation from these conditions may affect the stability of the product.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

- Exposure Limits : Not applicable.
 Appropriate Engineering Controls: Ensure adequate ventilation.
 Hygiene Measures : Handle in accordance with good industrial hygiene and safety practice.

Personal protective measures

- Eye/ face protection : Use safety glasses with side-shields.
 Skin protection : Wear suitable protective clothing.
 Respiratory protection : In case of insufficient ventilation, use effective respiratory mask.
 Hand protection : Use protective gloves.
 Environmental exposure controls: Minimize contamination of drains, surface and ground water.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state : Beads at room temperature
 Colour : White to pale yellowish
 Odour : Fatty odour
 Melting point : Approx. 55 °C
 Flash Point : > 100 °C
 pH : Not available
 Specific gravity : Approx 0.90 @ 70 °C
 Solubility : Insoluble in water.
 Other information : No data available

10. STABILITY AND REACTIVITY

Reactivity : No data available
 Chemical stability : Stable under normal storage conditions.
 Possibility of hazardous reactions: Hazardous polymerization will not occur under recommended storage conditions.
 Conditions to avoid : Exposure to air, light, heat.
 Incompatible materials : Strong oxidizers and strong alkalis.
 Hazardous decomposition product: No data available.

11. TOXICOLOGICAL INFORMATION

Acute toxicity : No data available
 Skin corrosion/ irritation : No data available
 Serious eye damage/ irritation : No data available
 Respiratory or skin sensitization : No data available
 Mutagenicity/ carcinogenicity : No data available
 Reproductive toxicity : No data available
 STOT - single/ repeated exposure: No data available
 Aspiration hazard : No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity : Contains no substances known to be hazardous to the environment or that are not degradable in wastewater treatment plants.
 Persistence and degradability : Readily biodegradable.
 Bioaccumulation potential : Bioaccumulation is unlikely.
 Mobility : The product is insoluble and floats on water.
 Result of the PBT and vPvB assessment: No data available
 Other adverse effects : No data available

13. DISPOSAL CONSIDERATIONS

Disposal methods : Dispose in accordance with local regulation.

14. TRANSPORT INFORMATION

	Land Transport (ADR/RID)	Sea Transport (IMDG Code)	Air Transport (IATA)	Inland Waterways Transport (ADN)
UN Number	Not classified as dangerous goods under transport regulation	Not classified as dangerous goods under transport regulation	Not classified as dangerous goods under transport regulation	Not classified as dangerous goods under transport regulation
UN Proper Shipping Name	Not applicable	Not applicable	Not applicable	Not applicable
Transport Hazard Class	Not applicable	Not applicable	Not applicable	Not applicable
Packing Group	Not applicable	Not applicable	Not applicable	Not applicable
Additional Information	Not applicable	Not applicable	Not applicable	Not applicable

15. REGULATORY INFORMATION

This product is not classified as dangerous according to EU directives.

Chemical Safety Assessment : No data available

16. OTHER INFORMATION

Revision no. : 3

Revision date : 09/04/2026

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