

SAFETY DATA SHEET (SDS) - REFERENCE

GLYCERYL MONOSTEARATE (GMS) - SURIACHEM SDN. BHD., MALAYSIA

REFERENCE / NON-OFFICIAL DOCUMENT - NOT THE ORIGINAL MANUFACTURER SDS

1. IDENTIFICATION

Product: Glyceryl Monostearate (GMS) | Brand/Supplier: Suriachem Sdn. Bhd., Malaysia | Grades: SE40, NE40, SE90/DMG | CAS: 31566-31-1

2. HAZARD IDENTIFICATION

Generally low hazard. Dust may cause temporary mechanical irritation to eyes, skin or respiratory tract. Avoid unnecessary dust generation.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Glyceryl Monostearate / Mono- and diglycerides of fatty acids. Typical CAS reference: 31566-31-1. Grade composition varies by SE40, NE40 and SE90/DMG.

4. FIRST-AID MEASURES

Inhalation: move to fresh air. Eyes: rinse cautiously with water. Skin: wash with soap and water. Ingestion: rinse mouth and seek medical advice if unwell.

5. FIREFIGHTING MEASURES

Use water spray, dry chemical, foam or carbon dioxide as appropriate. Combustible organic material; burning may produce carbon oxides and irritating fumes.

6. ACCIDENTAL RELEASE MEASURES

Avoid dust formation. Sweep or vacuum carefully and place in suitable container. Prevent large quantities from entering drains.

7. HANDLING AND STORAGE

Handle to minimize dust. Store tightly closed in a cool, dry, well-ventilated area away from heat, moisture and incompatible materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Provide ventilation where dust is generated. Safety glasses and suitable protective gloves are recommended. Use particulate respiratory protection when ventilation is inadequate.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: white/off-white solid, flakes or powder. Typical melting point: about 58 C for SE40/NE40; SE90/DMG about 63-68 C. Water solubility: practically insoluble/very low.

10. STABILITY AND REACTIVITY

Stable under recommended storage conditions. Avoid excessive heat and strong oxidizing agents. Hazardous decomposition may generate carbon oxides.

11. TOXICOLOGICAL INFORMATION

Expected low acute toxicity under normal industrial handling. Dust may cause mechanical irritation. No specific product toxicology data established in this reference document.

12. ECOLOGICAL INFORMATION

No specific Suriachem product ecotoxicity data established here. Avoid uncontrolled release to the environment; prevent significant discharge to waterways.

13. DISPOSAL CONSIDERATIONS

Dispose of product and contaminated packaging according to applicable local regulations. Do not discharge large quantities into drains.

14. TRANSPORT INFORMATION

Not expected to be regulated as dangerous goods for normal transport, subject to applicable national/international transport rules.

15. REGULATORY INFORMATION

Classification and labeling should be determined according to the regulations applicable in the destination country and the specific commercial grade.

16. OTHER INFORMATION

Prepared as a reference SDS using publicly available Suriachem product information and general chemical safety information. It is NOT an official SDS issued or approved by Suriachem Sdn. Bhd. Date prepared: 15 September 2026.