

1. IDENTIFICATION OF PRODUCT AND COMPANY

Trade name : **GLORISE 5410**
Recommended Use : 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	CAS No.	%
Propylene glycol monostearate	1323-39-3	100
Mono- and diglycerides	67254-73-3	

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 & carbon dioxide foam.
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.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective : Use personal protective equipment. Avoid dust formation.
equipment and emergency

Environmental precautions : No special environmental precautions required.

Methods and materials for : Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to
containment and cleaning up collect dust.

7. HANDLING AND STORAGE

Precautions for safe handling : Ensure adequate ventilation. Avoid dust formation.

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

Colour : White to pale yellowish

Odour : Fatty odour

Melting point : Approx. 60°C

Flash point : > 100 °C/ > 212 °F (Cleveland Open Cup)

pH : Not available

Solubility : Insoluble in water. Soluble in fats, oils, & most organic solvents.

Other information : No data available

10. STABILITY AND REACTIVITY

Reactivity : No data available

Chemical stability : Stable under normal ambient temperature and conditions.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid : Avoid direct fire and strong oxidizers.

Incompatible materials : No data available

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 : Adopt good working practices, avoid product from being released into the environment.
 Persistence and degradability : Biodegradable.
 Bioaccumulation potential : Bioaccumulation is unlikely.
 Mobility : No data available
 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

The product is not subjected to 689/2008/EC, 2037/2000/EC and 850/2004/EC and its amendment 79/117/EEC

Chemical Safety Assessment : No data available

16. OTHER INFORMATION

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