

# SAFETY DATA SHEET for EMULSUN®



## 1. Product and Company Identification

SUPPLIER PRODUCT NAME: **EMULSUN**  
INCI NAME: Hydrogenated Sunflower Seed Oil Polyglyceryl-3 Esters (and) Hydrogenated Sunflower Seed Oil Glyceryl Esters (and) Cetearyl Alcohol (and) Sodium Stearoyl Lactylate  
RECOMMENDED USE: Cosmetics and personal care  
MANUFACTURER: Floratech®  
291 East El Prado Court, Chandler, Arizona 85225 ♦ www.floratech.com  
EMERGENCY TELEPHONE: +1.480.545.7000 ♦ E-Fax: +1.480.892.3000 ♦ Email: sales@floratech.com  
Monday - Thursday, 8AM - 5PM and Friday 8AM - 3PM *Mountain Standard Time*

## 2. Hazards Identification

CLASSIFICATION: This substance and/or mixture is not classified as hazardous or dangerous according to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS), the OSHA Hazard Communication Standard (HCS) 29 CFR 1910.1200, and Regulation (EC) No 1272/2008.

LABEL ELEMENTS: Not applicable.

OTHER HAZARDS: Eye contact may cause mild irritation. Unlikely to cause skin irritation unless exposure is excessive and/or prolonged. Information based on the properties of the material present.

## 3. Composition/Information on Ingredients

Emulsifier comprised of plant-derived ingredients:

Substance Name	CAS Number	Substance Name	CAS Number
Hydrogenated Sunflower Seed Oil Polyglyceryl-3 Esters	67784-82-1 / 37349-34-1	Cetearyl Alcohol	67762-27-0
Hydrogenated Sunflower Seed Oil Glyceryl Esters	69028-36-0	Sodium Stearoyl Lactylate	25383-99-7

## 4. First Aid Measures

GENERAL MEASURES: If you feel unwell, seek medical attention immediately.

INHALATION: Remove from area of exposure; seek medical attention if symptoms persist.

INGESTION: Call physician for advice. Unlikely to cause harm, apart from a laxative effect.

EYE CONTACT: Irrigate with water for at least 15 minutes. If irritation persists, call a physician.

SKIN CONTACT: Wash exposed area with soap and water.

INDICATION OF IMMEDIATE MEDICATION ATTENTION AND SPECIAL TREATMENT NEEDED: Treat symptomatically.

## 5. Fire-Fighting Measures

SUITABLE EXTINGUISHING MEDIA: Water spray, dry chemical, foam, CO<sub>2</sub>, and other standard extinguishing media.

UNSUITABLE EXTINGUISHING MEDIA: Strong water stream may cause fire to scatter and spread.

SENSITIVITY TO STATIC DISCHARGE: None.

FIREFIGHTERS: Exercise caution when fighting any fire.

SPECIAL FIRE FIGHTING PROCEDURES: Product may burn, but does not readily ignite. Not an explosive. Use air supplied equipment for fighting interior fires. Cool fire exposed containers with water.

## 6. Accidental Release Measures

PERSONAL PRECAUTIONS: Wear appropriate protective clothing. Avoid contact with eyes.

PROTECTIVE EQUIPMENT: None needed.

EMERGENCY PROCEDURES: None needed.

ENVIRONMENTAL PRECAUTIONS: Avoid release into the environment. Contain and collect spillage; prevent from reaching drains, sewer, or waterway.

METHODS FOR CLEANING UP: Remove sources of ignition. Contain spill to smallest possible area; wipe up spilled material. Area may be slippery; take precautions.

## 7. Handling and Storage

HANDLING MEASURES: Handle in accordance with good manufacturing, hygiene, and safety procedures.

INCOMPATIBLE PRODUCTS: Keep away from oxidizing agents, excessive heat, and sources of ignition.

VENTILATION: Handle in a well-ventilated area.

SUITABLE STORAGE CONDITIONS: Store in closed tight containers below 35°C in well ventilated areas.

CONDITIONS TO AVOID: Do not store or use near heat, sparks, or flame and store out of sun. Never use pressure to empty. Do not puncture, drag, or slide container.

## Product Name: EMULSUN

---

### 8. Exposure Control/Personal Protection

EXPOSURE GUIDELINES: Material does not contain hazards for which substance-specific occupational exposure limits have been established by regulatory bodies.

ENGINEERING MEASURES: None needed, aside from a suitable means of rinsing/washing if needed.

EYE PROTECTION: Safety glasses.

PROTECTION OF SKIN: Suitable gloves.

RESPIRATORY PROTECTION: Not normally required. Dust mask or respiratory equipment may be worn when handling large quantities or in inadequate ventilation areas.

OTHER INFORMATION: Avoid prolonged skin contact; gloves may be worn. When handling, do not eat, drink or smoke.

---

### 9. Physical and Chemical Properties

PHYSICAL STATE: Solid  
FORM: Hard wax particles  
COLOR: White/Off-White  
ODOR: Waxy, Slightly Sweet  
ODOR THRESHOLD: No data available  
pH: 6 – 8  
MELTING POINT: Approximately 55°C  
BOILING POINT: No data available  
FLASH POINT (Cleveland open cup): No data available  
EVAPORATION RATE: No data available  
FLAMMABILITY: No data available

EXPLOSION LIMIT: No data available  
VAPOR PRESSURE: No data available  
SPECIFIC GRAVITY @ 25°C: 0.9 – 1.1  
DENSITY: No data available  
SOLUBILITY IN H<sub>2</sub>O: Dispersible  
VAPOR DENSITY: >1  
PARTITION COEFFICIENT: No data available  
VOLATILES (%): <0.1%  
AUTOIGNITION TEMP: No data available  
DECOMPOSITION TEMP: No data available

---

### 10. Stability and Reactivity

REACTIVITY: Not reactive

CHEMICAL STABILITY: Stable

MATERIALS TO AVOID: Strong oxidizers

CONDITIONS TO AVOID: Excessive heat, sources of ignition.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion produces carbon monoxide, carbon dioxide, and thick smoke. In general, products of combustion (such as organic materials) may be irritating and toxic.

---

### 11. Toxicological Information

Ingestion of a single dose is unlikely to cause harm. Eye contact may cause irritation. Prolonged skin contact may cause skin irritation. Inhalation of dust may irritate the respiratory tract.

### 12. Ecological Information

No ecological hazards are associated with this product. This substance or mixture does not meet the criteria for PBT or vPvB. Bioaccumulation is not expected in the aquatic environment. The potential for mobility in soil is low (Koc between 500 and 2000).

### 13. Disposal Considerations

US: Discarded product is not a hazardous waste under RCRA, 40 CFR 261.

EC: Dispose of material in accordance with appropriate regulations.

### 14. Transport Information

USA DOT shipping name: Wax based solid. No USA DOT classification for this product.

EC: Not classified according to ADR/RID (Land – Road), ADNR (inland waterways), IMDG (sea), or IATA (air).

---

### 15. Regulatory Information

US: This material is intended to be used as a cosmetic ingredient and is exempt from Toxic Substances Control Act (TSCA) regulation (40 CFR 710) when used as such. Do not use for other purposes. All ingredients not confirmed on the TSCA Chemical Substance Inventory.

EC: This product is not classified as "Dangerous" according to the health and physical properties criteria of the EU Directives on the classification of substances and preparations. This substance or mixture is not classified as hazardous or dangerous according to (EC) 1272/2008, 67/548/EEC or 1999/45/EC.

---

### 16. Other Information

This product does not contain any chemicals subject to the reporting requirements of 40 CFR 355, 370, and 372 (SARA Section 313).

This information is accurate to the best of Floratech's knowledge and is based on information considered to be reliable. It is furnished without warranty. Customers should assess the safety of their final products and satisfy themselves that no patents are being infringed. Floratech® is a registered trademark of International Flora Technologies, Ltd.

---