

# MATERIAL SAFETY DATA SHEET



## EMULPROTECT

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### 1. PRODUCT AND COMPANY IDENTIFICATION

- **Product Trade Name:** EMULPROTECT
- **Recommended Use:** Cosmetic
- **Supplier:** SETHIC  
68 Boulevard du Port Royal, 75005 Paris, FRANCE  
TEL : +33 (1) 73 79 28 04 / +33 (1) 77 72 94 92  
www.sethic.com

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

- **INCI Name:** Polyglyceryl-3 Polyricinoleate, Polyglyceryl-3 Ricinoleate
- **CHINA INCI (2010):** YES / YES
- **CHINA IECIC (2015):** YES / YES
- **CAS#:** 29894-35-7 / -
- **EINECS#:** - / -

### 3. HAZARDS IDENTIFICATION

Not classified according to the Directive 1999/45/EC

Not classified according to the Regulation (EC) No 1272/2008

- **Health Hazards:** None identified
- **Physio-chemical Hazards:** None identified
- **Environmental Hazards:** None identified

### 4. FIRST-AID MEASURES

- **Ingestion:** Seek for medical advice
- **Inhalation:** Not relevant
- **Skin Contact:** Wash the skin with plenty of water
- **Eye Contact:** Rinse with plenty of water. Seek for medical advice

### 5. FIRE FIGHTING MEASURES

- **Extinguishing Media:** Polyvalent foam, dry chemical powder, carbon dioxide  
Note: do not use water jet
- **Combustion dangers:** Combustible material, low hazard
- **Protection means:** Respiratory and eye protection required for firefighting personnel exposed to fumes or smoke.

### 6. ACCIDENTAL RELEASE MEASURES

- **Personal precautions:** See section 8
- **Environmental precautions:** Limit the leak using soil or sand. Avoid penetration into watercourses and sewers. If the product goes into them or it contaminates vegetation, warn the competent authorities.
- **Methods for cleaning up:** Collect the product for a possible re-utilization, or for elimination. Absorb it with inactive material. Then, wash the involved area and materials with water.

### 7. HANDLING AND STORAGE

- **Handling precautions:** None
- **Storage conditions:** Keep the product in its original containers. Keep away from ignition sources/sparks.

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Exposure limits values:** Not determined
- **Exposure controls:** Not determined
- **Respiratory protection:** Not necessary for normal use
- **Hand protection:** Wear gloves
- **Eye protection:** Wear safety glasses
- **Skin protection:** Wear clothes with full skin protection
- **Environmental exposure controls:** None

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Viscous liquid
- **Color:** Yellow – Brown
- **Odor:** Characteristic
- **pH, 20°C:** NR
- **Boiling point:** >250°C
- **Flash point:** 292°C
- **Flammability:** NA
- **Explosive properties:** NA
- **Oxidizing properties:** NA
- **Vapour pressure:** NA
- **Relative density:** 1
- **Solubility:** Soluble in oils/fats
- **Water solubility:** Not soluble
- **Partition coefficient:**  
n-octanol/water Log Pow > 5
- **Viscosity:** > 1000cSt (40 °C)
- **Vapour density:** NA
- **Evaporation rate:** NA
- **Refractive Index, 20°C:** NA

### 10. STABILITY AND REACTIVITY

- **Conditions to avoid:** None in particular
- **Materials to avoid:** None in particular
- **Hazardous decomposition products:** None in particular. On burning: release of (carbon monoxide - carbon dioxide)

### 11. TOXICOLOGICAL INFORMATION

- **Acute oral toxicity:** LD50 (oral, rat) >5.000mg/kg
- **Acute dermal toxicity:** NA
- **Eye irritation:** None
- **Skin irritation:** None
- **Corrosivity:** None
- **Sensitization potential:** None
- **CMR effect:** Safe
- **CIR status:** None

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### 12. ECOLOGICAL INFORMATION

- **Ecotoxicity:** LC50 (fish) - NA  
Log POW > 5
- **Mobility:** Not determined
- **Persistence and degradability:** Not determined
- **Bioaccumulative potential:** Not determined
- **Results of PBT assessment:** Not determined

### 13. DISPOSAL CONSIDERATIONS

If it is possible recover the product. Send to the authorized disposal or burning plants under controlled conditions. Follow domestic and national effective laws.

### 14. TRANSPORT INFORMATION

- **Land-Road/Railway:** This product is not classified according to ADR/RID
- **Air:** This product is not classified according to IATA

### 15. REGULATORY INFORMATION

Not a hazardous substance or preparation according to EC directives 67/548/EEC or 1999/45/EC.  
Not classified according to the Regulation (EC) No 1272/2008  
The product does not need to be labeled in accordance with EC directives or respective national laws.

### 16. OTHER INFORMATION

This material is for use only in cosmetics.

*"The information provided in this MSDS is correct to the best of our knowledge, information and belief at the date of its publication and is, in our opinion consistent with the state of general scientific and technical knowledge at that date, but we cannot accept liability for a loss, injury or damage which may result from its use.*

*In compiling the MSDS we have taken into account all proper application of the material of which we are aware and any user of the material should consult us before applying it to any novel or unusual use.*