



MATERIAL SAFETY DATA SHEET

In accordance with EEC Commission directive 91/155
OBN 299 CT/R

IDENTIFICATION

Chemical Name: Vegetable Triglyceride
Trade Name: OBN 299 CT/R

COMPOSITION/INFORMATION ON THE COMPONENTS

Substance Name: Safflower Oil
INCI Name: Carthamus Tinctorius
Hazardous Components in Product: None
Chemical Family: Triglyceride

HAZARD IDENTIFICATION

Risk Phrases: None
Health Effects/Eyes: None
Health Effects/Skin: Not expected to present a significant skin hazard under anticipated conditions of normal use. Not irritant.
Health Effects/Inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
Health Effects/Ingestion: Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

FIRST AID MEASURES

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration. Seek medical advice.
Skin Contact: Wash skin with mild soap.
Eye Contact: In case of eye contact, immediately rinse with clean water.

Ingestion: Harmless. Do not induce vomiting and seek medical advice.

FIRE FIGHTING MEASURES

Flammable Class: Combustible.
Prevention: No naked lights. No smoking. Keep away from sources of ignition.
Extinguishing Media: Carbon dioxide, dry chemical, foam, water spray.
Special Exposure Hazards: None
Protection Against Fire: Wear full protective clothing and self-contained breathing apparatus.

ACCIDENTAL RELEASE MEASURES

Personal Precautions: Equip cleanup crew with proper protection. No smoking. Wear recommended personal protective equipment.
Environmental Precautions: Notify authorities if liquid enters into public waters. Prevent spread of material by use of temporary bund or impervious barrier.
Spillages: Remove ignition sources. Clean up any spills as soon as possible, using an absorbent material to collect it. Flush with plenty of water.

HANDLING AND STORAGE

Handling: Handle in accordance with good industrial hygiene and safety procedures. For even minor contact, immediately remove contaminated clothing and wash skin thoroughly with mild soap and water. Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking and when leaving work.
Storage: Storage area should be cool, dry, well ventilated with temperature from 10°C to 30°C. Store away from sources of heat or ignition.

EXPOSURE CONTROLS/PERSONAL PROTECTION

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| Respiratory Protection: | No special respiratory equipment is recommended under normal conditions of use with adequate ventilation. |
| Eye Protection: | Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles. |
| Ingestion: | When using, do not eat, drink or smoke. |
| Industrial Hygiene: | Use of the basic principles of industrial hygiene will enable this material to be used safely. |

PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance: | Liquid yellow |
| Odor: | Odorless |
| Vapor pressure mm/Hg: | n.d. |
| Initial boiling point (°C): | n.d. |
| Melting point (°C): | n.d. |
| PH: | n.d. |
| Solubility in water (% weight): | Not soluble in water |
| Flash Point (°C) (ASTM D93): | >150°C |
| Relative density: | 0.912 – 0.930 g/cc |
| Explosive properties: | None |

STABILITY AND REACTIVITY

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| Hazardous Decomposition Products: | None |
| Hazardous Reactions: | None |
| Hazardous Properties: | None under normal conditions |
| Conditions to Avoid: | Open flame |
| Materials to avoid: | Alkaline compounds, caustics, alkalies with exothermic reaction. |

TOXICOLOGICAL INFORMATION

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| Acute Toxicity: | None |
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ECOLOGICAL INFORMATION

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| Ecotoxicity: | n.d. |
| Solubility in Water: | Not soluble |
| Biodegradability: | n.d. |

Bioaccumulation Potential: n.d.
Fish Toxicity LD₅₀: n.d.

DISPOSAL CONSIDERATION

Product Disposal: Dispose in a safe manner in accordance with local/national regulations.
Waste-disposal Procedures: Procedure requires the use of protective gloves, apron, boots, head and face protection. The compound should be redistilled or otherwise reunified and reused. Attention: national and/or local laws and regulations may preclude the use of this method.

TRANSPORT INFORMATION

General Information: Not regulated
UN No. – ADR/RID – IMO/IMGD Code: None
Hazard Label(s): None

REGULATORY INFORMATION

Labeling Information: None
R Phrase(s): None
S Phrase(s): None

OTHER INFORMATION

Recommended Uses and Restrictions: None

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