



## MATERIAL SAFETY DATA SHEET

In accordance with EEC Commission directive 91/155  
OBN 568 RS/R

### IDENTIFICATION

Chemical Name: Triglyceride  
Trade Name: OBN 568 RS/R

### COMPOSITION/INFORMATION ON THE COMPONENTS

Substance Name: Rice Bran Oil  
INCI Name: Oryza Sativa  
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: DO NOT INDUCE VOMITING. Seek medical attention immediately.

### **FIRE FIGHTING MEASURES**

Flammable Class: Combustible.  
Prevention: No naked lights. No smoking. Keep away from sources of ignition.  
Suitable Extinguishing Media: Water spray, CO<sub>2</sub> or foam.  
Unsuitable Extinguishing Media: Water jet  
Special Hazards in Fire: Unknown  
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: 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. Temperature from 10°C to 30°C storage constraints.

### **EXPOSURE CONTROLS/PERSONAL PROTECTION**

Control Parameters: Max value of exposure to the fumes of vegetable oils TLV-TWA: 10 mg/m<sup>3</sup>.

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

Physical state at 20°C	Liquid
Color	Yellow
Cloud point	
Pour point	
Vapor pressure mm/Hg	n.d.
Initial boiling point (°C)	n.d.
Melting point (°C)	
Flash point (°C)	>250°C
PH	n.d.
Solubility in water (% weight)	Not soluble in water
Molecular weight	
Relative vapor density (air=1)	
Specific gravity	
Evaporation rate (ether=1)	
Auto-ignition temperature (°C)	

### STABILITY AND REACTIVITY

Hazardous Decomposition Products:	None
Materials to avoid:	Alkaline compounds, caustic alkalies with exothermic reaction
Hazardous Properties.	None under normal conditions
Stability:	Stable under normal handling and storage conditions

### TOXICOLOGICAL INFORMATION

Acute Toxicity:	LD <sub>50</sub> (oral, rat)	N.D.
	LD <sub>50</sub> (dermal, rat)	N.D.
Local effects:		Not irritant
Skin contact:		Not irritant, no evidence of delayed contact hypersensitivity

Eye contact: Not irritant  
Inhalation/ingestion: Harmless for small quantity

### ECOLOGICAL INFORMATION

Ecotoxicity: n.d.  
Solubility in Water: Not soluble  
Biodegradability: n.d.  
Bioaccumulation Potential: n.d.  
Fish Toxicity LD<sub>50</sub>: n.d.

### DISPOSAL CONSIDERATION

Ecotoxicity: N.D.  
Solubility in water: Not soluble  
Biodegradability: N.D.  
Bioaccumulation potential: N.D.  
Product disposal: According to local, federal and state regulations

### TRANSPORT INFORMATION

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

### REGULATORY INFORMATION

Labeling Information: None

### OTHER INFORMATION

Recommended Uses and Restrictions: None

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