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MATERIAL SAFETY DATA SHEET

In accordance with EEC Commission directive 91/155

Organic Sunflower Oil

CAS NO 8001-21-6

1. IDENTIFICATION

Product Name Organic Sunflower *helianthus annus*

Bulk Code BOR078

2. CHEMICAL COMPOSITION: INCLUDING HAZARDOUS COMPONENTS:

This Carrier Oil is obtained by the expression of the Sunflower seed. Chemically it is the glycerol esters of the fatty acids - typically it is 63-65% Linoleic Acid.

The oil is non hazardous but is labelled according to regulation 96/54/EC.

3. HAZARDOUS IDENTIFICATION: This product is not hazardous

4. FIRST AID PROCEDURES:

Skin Contact: Wash off with soap and water.
Eye Contact: Rinse with sterile water.
Inhalation: Oil is non volatile.
Ingestion: If swallowed do not induce vomiting, seek medical advice.

5. FIRE FIGHTING PROCEDURES:

Suitable Extinguishers: Normal extinguishers can be used (CO₂, powders, foams, halogens).
Unsuitable Extinguishers: Direct water jet.
Fire Hazard: Products of combustion – Oxides of Carbon, burning fumes are acrid.

6. ACCIDENTAL RELEASE PROCEDURES:

Safety Clothing: Wear clothing suitable for an emergency.
Environmental Precautions: Contain the leak with earth or sand. Prevent from entering drains and sewers; if this cannot be done advise the local authority.
Clean Up Procedure: Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

7. HANDLING & STORAGE PROCEDURES:

Handling: Avoid spillage and eye contact (gloves and goggles recommended).
Ventilation: Good general ventilation required.
Storage Conditions: Store at ambient temperature in a dark container. Store away from oxidizing substances e.g. Bleach. Store in full containers; Stainless Steel for bulk or glass for small quantities.

8. EXPOSURE CONTROL/PERSONAL PROTECTION:

Respiratory: Use only in well ventilated areas. Use protection in poor ventilation.
Hand Protection: Wear gloves.
Eye Protection: Wear goggles
Skin Protection: Wear suitable protection clothing

9. PHYSICAL & CHEMICAL PROPERTIES:

Appearance: Mobile Liquid.
Odour: Typical fatty oil
Colour: Pale Straw.
Solubility: a. Solvent – Soluble
 b. Alcohol – Slightly soluble
 c. Water – Insoluble

Specific Gravity: 25°C 0.915 – 0.920.

10. REACTIVITY & STABILITY:

The oil is stable under normal storage conditions. After opening, the oil is prone to air oxidation and may start to deteriorate after six months.

Synergistic Reaction: None.
Materials to avoid: Oxidizing agents.
Polymerisation Hazard: None.

11. TOXICOLOGICAL INFORMATION:

Hazardous Effects

Inhalation: None
Skin Contact: None
Eye Contact: None
Ingestion: None

12. ECOLOGICAL DATA

This product is not known to be harmful to the environment.

13. DISPOSAL METHODS:

Recover the product where possible or bury in authorised landfill sites according to local authority regulations.

14. TRANSPORT REGULATIONS:

Road: Not required
Rail: Not required
Air: Not required

15. REGULATORY INFORMATION:

Labels for Conveyance: Xn. R10. R10
Labels for Supply: Xn. R10. R22. R65. S62.

16. FURTHER INFORMATION:

Whilst Absolute Aromas Ltd give the above advice in good faith, it is not intended to be a substitute for customers own testing to ascertain good safety procedures.

These regulations were designed for handling bulk products and to readily identify Toxic & Safety Data.

Safety information is under continuous review.