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## MATERIAL SAFETY DATA SHEET FOR

# Sunflower Oil

*Helianthus Anuus Product Reference T590 CAS NO 8001-21-6*

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### 1. 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.

### 2. HAZARDOUS IDENTIFICATION:

This product is not hazardous

### 3. 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.

### 4. FIRE FIGHTING PROCEDURES:

Suitable Extinguishers:	Normal extinguishers can be used (CO <sub>2</sub> , powders, foams, halogens).
Unsuitable Extinguishers:	Direct water jet.
Fire Hazard:	Products of combustion – Oxides of Carbon, burning fumes are acid.

### 5. 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.

### 6. 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.

## 7. 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

## 8. PHYSICAL & CHEMICAL PROPERTIES:

Appearance:	Mobile Liquid.
Odour:	Typical Vegetable oil
Colour:	Pale Straw
Solubility:	a. Solvent – Soluble
	b. Alcohol – Slightly soluble
	c. Water – Insoluble
Specific Gravity:	25°C 0.915 – 0.920

## 9. 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

## 10. TOXICOLOGICAL INFORMATION:

### *Hazardous Effects*

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

## 11. ECOLOGICAL DATA

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

## 12. DISPOSAL METHODS:

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

## 13. TRANSPORT REGULATIONS:

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

## 14. REGULATORY INFORMATION:

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

## 15. 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.**