

SAFETY DATA SHEET
according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Name : SUNFLOWER OIL REFINED
Description : Triglycerides from plant origin
Code : 000400011
Product type : Vegetable oil
REACH registration No. : Exempt

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Main use category : Industrial
Use of the substance/mixture : Technical
Cosmetic

1.2.2. Uses advised against

Different from recommended

1.3. Details of the supplier of the safety data sheet

Interfat S.A.U.
Avda. Diagonal, 403, 6-2
08008 Barcelona - ESPAÑA
nfo@interfat.com +34 93 416 19 99

1.4. Emergency telephone number

+34 93 416 19 99 (only during office hours)
+34 91 562 04 20 (National Institute of Toxicology, Madrid, 24 h)

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Hazard pictograms (CLP): Not applicable
CLP Signal word: Not applicable
Hazard statements (CLP): Not applicable
Precautionary statements (CLP): Not applicable

2.3. Other hazards

This substance does not meet the criteria for PBT
This substance does not meet the criteria for vPvB
This substance has not endocrine disrupting properties
According to the current knowledge of the manufacturer and if properly handled the product will not cause hazards for human health and environment. Handle in accordance with good industrial safety practice.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Chemical Name	Product identifier	Classification according to Regulation (EC) No. 1272/2008 [CLP]
SUNFLOWER OIL REFINED	CAS: 8001-21-6	Not classified according to Regulation (EC) No. 1272/2008 [CLP]

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EC: 232-273-9
INCI: Helianthus Annuus Seed Oil

3.2. Mixtures

Not applicable

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

First-aid measures general	: Remove immediately contaminated clothing.
First-aid measures after inhalation	: Fresh air, rest. If necessary seek medical advice.
First-aid measures after skin contact	: Wash skin with plenty of water and soap.
First-aid measures after eye contact	: Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Obtain emergency medical attention.
First-aid measures after ingestion	: Rinse mouth. Give water to drink if victim completely conscious/alert. Immediately consult a doctor/medical service.

4.2. Most important symptoms and effects, both acute and delayed

Simptoms /effects	: If used properly no hazards for human health are known or have to be expected
Symptoms/effects after inhalation	: If used properly no hazards for human health are known or have to be expected
Symptoms/effects after skin contact	: If used properly no hazards for human health are known or have to be expected
Symptoms/effects after eye contact	: If used properly no hazards for human health are known or have to be expected
Symptoms/effects after ingestion	: If used properly no hazards for human health are known or have to be expected

4.3. Indication of any immediate medical attention and special treatment needed

Symptomatic and supportive treatment

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media	: Carbon dioxide (CO ₂), dry chemical powder, foam.
Unsuitable extinguishing media	: Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products that form when the substance or mixture burns : In case of fire it can release. carbon oxides (CO and CO₂).

5.3. Advice for firefighters

Firefighting instructions	: Prevent fire extinguishing water from contaminating surface water or ground water system. Fire residues and contaminated fires extinguishing water must be disposed in accordance with local regulations. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Protection during firefighting	: Use a self-contained breathing apparatus and also a protective suit.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures	: Prevent access to unauthorized personnel.
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6.1.2. For emergency responders

Protective equipment	: Equip the cleaning staff with the appropriate protective gear. Provide proper protection for the cleaning teams.
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Emergency procedures : Ventilate the area.

6.2. Environmental precautions

Prevent the material from entering surface water or sanitary sewer system. Do not discharge directly to a water source. If accidental spillage or washings enter drains or watercourses, contact local Environment Agency.

6.3. Methods and material for containment and cleaning up

Cleaning procedures : Small spills and residues may be absorbed with material such a cloth or sawdust, washed away with water and cleaned with sodic products. Larger spillage must be pumped.

6.4 Reference to other sections

For personal protection see section 8. For disposal see section 13.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Precautions for safe handling : Provide good ventilation (local exhaust) of the working area, safety showers and eye wash station near the workplace. Avoid release to the environment. Wear personal protective equipment (see section 8). Keep product away from heat, sparks, flame, and other sources of ignition. Use earthed equipment. Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep in a dry and cool place. Avoid direct sun light. Store in the original full closed packaging to prevent over oxidation.
Productos incompatibles : Strong bases. Strong acids.
Materiales incompatibles : Energetic oxidizing agents. Ignition sources. Direct sunlight.
Temperatura de almacenamiento : 5 – 35 °C

7.3. Specific end use(s)

See section 1.2.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1 Appropriate engineering controls

Provide appropriate exhaust ventilation at places of dust forming.

8.2.2 Personal protection equipment

Keep exposure to a minimum.

8.2.2.1 Eye and face protection

Safety glasses (EN 166).

8.2.2.2. Skin protection

Hand protection:

The selection of a specific glove for a given application and its duration in the workplace should take into account all relevant factors such as other chemicals handled, physical requirements (protection against cuts/punctures, thermal protection), as well as specifications provided by the glove supplier. Use gloves resistant to chemicals according to EN 374 standard. Gloves with a protection index of 3 are recommended; corresponding to >60 minutes of permeation time. For example, nitrile rubber, neoprene rubber, polyvinyl chloride with a thickness of 0.34 mm.

8.2.2.3. Respiratory protection

Due to the extreme low vapor pressure, it is not regarded as needed in any situation.

8.2.2.4. Thermal hazards

No additional information available

8.2.3 Environmental exposure controls

Do not discharge directly into the environment

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	: Clear liquid
Colour	: Pale yellow to pale brown
Odour	: Characteristic
Odour threshold	: No data
pH	: No data
Melting point	: No data
Freezing point	: No data
Boiling point	: >350 °C
Flash point	: >200 °C
Auto-ignition temperature	: No data
Decomposition temperature	: No data
Flammability (solid, gas)	: Non-flammable
Vapour pressure	: No data
Relative vapour density at 20°C	: No data
Relative density	: ≈0.920
density	: No data
Solubility	: Insoluble (water) : Soluble (organic solvents)
Partition coefficient n-octanol/water (Log Pow)	: No data
Partition coefficient n-octanol/water (Log Kow)	: No data
Viscosity, kinematic	: No data
Viscosity, dynamic	: No data
Explosive properties	: Non-explosive
Combustible properties	: No data
Explosive limits	: No data

9.2. Other information

No additional information available

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

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Under usual storage conditions no reactivity hazards are known

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Direct sunlight, moisture, temperatures higher than room temperature

10.5. Incompatible materials

No data / Information available

10.6. Hazardous decomposition products

No data / Information available

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity STOT-single exposure	: Not classified
Indicaciones adicionales	: Not established
Specific target organ toxicity STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No additional information available

11.2.2. Other information

If used properly no hazards for human health are known or have to be expected

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

12.2. Persistence and degradability

SUNFLOWER OIL REFINED (8001-21-6)	
Biodegradation	Readily biodegradable (according to OECD criteria)

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Recommendations for product/container disposal	: In accordance with local and national regulations. Disposed incineration in a suitable incineration plant holding a permit delivered by the competent authorities. Do not allow material to contaminate ground water system. Do not contaminate surface water.
Containers	: Containers should be cleaned by appropriate method and then re-used or disposed by incineration, in accordance with local and national regulations. Do not remove label until container is thoroughly cleaned.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14. TRANSPORT INFORMATION

In accordance with ADR / IMDG / IATA

14.1. UN number or ID number

UN Number (ADR)	: Not applicable
UN Number (IMDG)	: Not applicable
UN Number (IATA)	: Not applicable

14.2. UN proper shipping name

UN Proper shipping name (ADR)	: Not applicable
UN Proper shipping name (IMDG)	: Not applicable
UN Proper shipping name (IATA)	: Not applicable

14.3. Transport hazard class(es)

ADR
Transport hazard classes (ADR) : Not applicable

IMDG
Transport hazard classes (IMDG) : Not applicable

IATA
Transport hazard classes (IATA) : Not applicable

14.4. Packing group

Packing group (ADR)	: Not applicable
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable

14.5. Environmental hazards

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Dangerous for the environment: : No
Marine pollutant : No
Additional information : No additional information available

14.6. Special precautions for user

Overland transport

No additional information available.

Transport by sea

No additional information available.

Air transport

No additional information available.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Not listed on REACH Annex XVII
Not listed on the REACH Candidate List
Not listed on REACH Annex XIV (Authorisation List)
Not listed on the PIC list (Regulation EU 649/2012)
Not listed on the POP list (Regulation EU 2019/1021)
Not listed on the Ozone Depletion list (Regulation EU 1005/2009)
Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)
Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16. OTHER INFORMATION

According to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

INDICATION OF CHANGES			
Section	Changed item	Change	Comments
General	Format	2020/878	V.2

Sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Training recommendations : Workers should have specific information and training in the field of safety.

This material safety data sheet completes the specification sheet but does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in a good faith based on our best knowledge of the product. However, we cannot accept responsibility or liability for any consequences arising from its use. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage, and product use to consult the main regulatory texts in force regarding workers and environment protection.