

SUNFLOWER OIL (ALL TYPES) – SAFETY DATA SHEET

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

PRODUCT IDENTIFIER

Product Name	Sunflower Oil – all types
Synonyms (types)	Sunflower High Oleic, Refined / Sunflower Oil / Sunflower Oil Organic
Use	Raw material for cosmetic and pharmaceutical products

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Supplier name	Pure Ingredients Ltd
Address	626A Rosebank Road, Avondale, Auckland 1026 New Zealand
Telephone	+649 8135619
Website	www.pureingredients.co.nz
Email	compliance@pureingredients.co.nz

EMERGENCY TELEPHONE NUMBER

CHEMCALL	0800 CHEMCALL / 800 243 622 (24hr)
Emergency telephone numbers	111
Others	NZ Poisons Centre 0800 POISON (0800 764 766)

SECTION 2 HAZARDS IDENTIFICATION

2.1 Classification Classification according to Regulation (EC) n° 1272/2008 (CLP): Not classified
Classification according to Directive 67/548/EEC or 1999/45/EC: Not classified
Adverse physicochemical, human health and environmental effects: Not applicable

2.2 Label elements

Labelling according to Regulation (EC) n° 1272/2008 (CLP): No labelling applicable

2.3 Other hazards:

Inhalation: Not dangerous Ingestion: Not dangerous
Skin contact: Not dangerous Eye contact: Not dangerous

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

INCI name	Percent	CAS No.	EINECS No.
Helianthus Annuus (Sunflower) seed oil	100%	8001-21-6	232-273-9

SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures: A medical examination is not necessary.

Inhalation: Inhalation is not a pertinent exposure route for the product due to this physical aspect and/or its composition. Skin contact: Liberally bathe affected body parts with water and soap. Eye contact: Rinse out carefully with plenty of water with the eyelid held wide open. Ingestion: If the person is conscious, rinse mouth with water. Do not induce vomiting without medical advice.

4.2 Most important symptoms and effects, both acute and delayed: No data / information available

4.3 Indication of any immediate medical attention and special treatment needed: No data / information available

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

SECTION 5 FIREFIGHTING MEASURES

5.1 Extinguishing media: carbon dioxide, foam, dry chemical powder.

5.2 Unsuitable extinguishing media: do not use water.

5.3 Special protective equipment: use a protecting clothing and self - contained breathing equipment.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions: No special precautions required.

6.2 Environmental precautions: Avoid discharge into drinking water supplies, waste water or soil.

6.3 Methods for cleaning up: Small spills and residues may be absorbed with material such as cloth or sawdust, washed away with water and cleaned with sodic products. Larger spillage may be pumped.

SECTION 7 HANDLING AND STORAGE

7.1. Handling: no special precautions necessary. Use food contact hose pipes.

7.2. Storage: Keep in a cool place. Store in the original full closed drum or container to prevent over oxidation.

7.3. Special use (s): None

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SECTION 8 EXPOSURE CONTROLS/ PERSONAL PROTECTION

No special protecting equipment required.

- 8.1. Occupational exposure limit: not applicable
- 8.2. Exposure controls: not applicable

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

General Information Form/ Odour/ Colour: see technical data.

Important Information on health, security and environment:

- | | |
|---|--|
| -pH: not applicable | -initial boiling point [°C]: undetermined |
| -flash point: 600°F (315°C) | -explosion limits: undetermined |
| -vapour pressure [20°C]: undetermined | -density: see technical data. |
| -viscosity at 20°C: undetermined | -Log P octanol / water at 20°C: undetermined |
| -solubility: slightly soluble in ethanol (96%), miscible with light petroleum | |

SECTION 10 STABILITY AND REACTIVITY

- 10.1. Reactivity: No reactivity hazards known.
- 10.2. Chemical stability: stable under normal conditions.
- 10.3. Possibility of hazardous reactions: No data / information available
- 10.4. Conditions to avoid
 - heating at more than 180°C (food use), at more than 60°C (cosmetic use), light and the oxygen of the ambient air: degradation and oxidation of the substance, strong oxidizing agents and alkalis.
- 10.5. Incompatible materials: No data / information available
- 10.6. Hazardous decomposition products: No data / information available

SECTION 11 TOXICOLOGICAL INFORMATION

Non toxic product: pharmaceutical, cosmetic use and food use.

Acute toxicity: No acute toxicity is to be feared regarding the product.

Chronic toxicity: No potential chronic health effect needs to be considered.

Information on the likely routes of exposure: *-Inhalation:* No known acute effect in normal conditions of use. *-Dermal contact:* No known effect.

-Eyes contact: No known effect. *-Ingestion:* No known acute effect in normal conditions of use

-CMR effects (Carcinogenity, Mutagenicity and toxicity for Reproduction): non-carcinogenic, non-mutagenic, no toxic for reproduction

SECTION 12 ECOLOGICAL INFORMATION

- 12.1. Toxicity: No study has been carried out for the moment. No ecological problems are to be expected when the product is handled and used with due care and attention.
- 12.2. Degradability: completely biodegradable but rich in DBO
- 12.3. Bioaccumulation potential: No data / information available
- 12.4. Mobility: No data / information available
- 12.5. Results of PBT and vPvB assessment: No data / information available
- 12.6. Various harmful effects: No data / information available

SECTION 13 DISPOSAL CONSIDERATION

- 13.1. Waste treatment methods: Absorb the oil with material such as cloth, paper or sawdust and throw it in an appropriate waste bin.
Disposal in nature: forbidden.
- 13.2. Elimination of the product residues: throw in an appropriate waste bin.
- 13.3. Dirty packaging: observe local regulations.

SECTION 14 TRANSPORT INFORMATION

Not dangerous product

Classification: not classified in ADR (road, directive 94/55/CE), RID (rail, directive 96/49/CE), IMDG (sea), ICAO/IATA (air).

Transportation in drums or food tanks.

SECTION 15 REGULATORY INFORMATION

Regulation (EC) No. 1272/2008 (CLP): product not classified as hazardous, no labelling applicable

Water endangering class: not water endangering.

SECTION 16 OTHER INFORMATION

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product, but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.

Reference:

Manufacturer's SDS: v01: 25/07/2019 PIL: New issue. MGE SA126-036-034 05142014/07012014.

Version: 02 Revision Date: 04/05/2020: PIL SDS Change of address - no changes to SDS.