Safety Data Sheet
Organic Sunflower Oil (Helianthus annuus)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Sunflower Oil

Further trade names
- Sunflower Oil Deodorised, Organic
- Sunflower Oil Deodorised, Organic, Demeter
- Sunflower Seed Oil Deodorized, Winterized, Organic
- Sunflower Oil, High Oleic, RBDW, Organic
- Sunflower Oil Cold Pressed, Organic
- Sunflower Oil Cold Pressed, Organic, demeter
- Sunflower Oil Crude Organic, CO2 Extraction
- Sunflower Oil Crude, Cold Pressed, Organic

CAS No: 8001-21-6
EC No: 232-273-9

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

Use of the substance/mixture
- Manufacture of food products, Cosmetics, personal care products

1.3. Details of the supplier of the safety data sheet

Company name: NHR Organic Oils
Street: 24 Chatham Place
Place: Brighton
Telephone: +44 (0) 1273 746505
Fax: +44 (0) 1273 202729
E-mail: info@nhrorganicoils.com
Internet: www.nhrorganicoils.com

1.4. Emergency telephone number:
Poison Emergency Center Munich Tel +49 (0) 89 / 19 240

Further Information
- REACH Status:
  This product is exempt from registration according to Annex IV and V, paragraph 9 of Regulation (EC) No 1907/2006.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008
- This substance is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. Label elements

2.3. Other hazards
- No information available.

SECTION 3: Composition/information on ingredients

3.1. Substances

Chemical characterization
- INCI-Name: HELIANTHUS ANNUUS SEED OIL
SECTION 4: First aid measures

4.1. Description of first aid measures

*After inhalation:* Provide fresh air.

*After contact with skin:* Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse.

*After contact with eyes:* Rinse immediately carefully and thoroughly with eye-bath or water.

*After ingestion:* Rinse mouth immediately and drink plenty of water. Observe risk of aspiration if vomiting occurs.

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

No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

*Suitable extinguishing media*: Extinguishing powder, carbon dioxide, foam, sand or earth

*Unsuitable extinguishing media*: Water

5.2. Special hazards arising from the substance or mixture

Difficult to ignite. In case of fire may be liberated: carbon black, Carbon monoxide, Carbon dioxide.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Special danger of slipping by leaking/spilling product.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. If large quantities are released, inform the competent authorities.

6.3. Methods and material for containment and cleaning up

Cover drains. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Special danger of slipping by leaking/spilling product.
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Advice on protection against fire and explosion
Not readily combustible. Keep away from sources of ignition - No smoking.

7.2. Conditions for safe storage, including any incompatibilities
Requirements for storage rooms and vessels Store in a dry, well-ventilated place and protect from heat or direct sunlight.
Advice on storage compatibility: Do not store together with: Oxidising agent
Further information on storage conditions
Recommended storage temperature: 10-30°C

7.3. Specific end use(s)
Manufacture of food products, Cosmetics, personal care products

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls
Protective and hygiene measures
Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Eye/face protection
Not mandatory.

Hand protection
Not mandatory.

Skin protection
Wear suitable protective clothing.

Respiratory protection
Respiratory protection required only when vapors and spray mist are present. filter: A Color code: brown

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
Physical state: liquid
Colour: light yellow to yellow
Odour: characteristic

pH-Value: not applicable

Changes in the physical state
Melting point: ca. -15 °C
Initial boiling point and boiling range: > 230 °C
Flash point: > 130 °C
Ignition temperature: > 200 °C
Decomposition temperature: > 300 °C

Oxidizing properties
Not oxidising.

Vapour pressure: not determined
Density: 0.91 - 0.93 g/cm³
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Water solubility:
The study does not need to be conducted because the substance is known to be insoluble in water

Solubility in other solvents
Soluble in: non-polar organic solvents

Partition coefficient: > 6

SECTION 10: Stability and reactivity

10.1. Reactivity: No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability: The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions
Reacts with strong oxidizing agents. Fire hazard.

10.4. Conditions to avoid
Avoid humidity and exposure of light and air. Keep away from sources of heat and ignition. Protect from direct sunlight.

10.5. Incompatible materials
No information available.

10.6. Hazardous decomposition products
Thermal decomposition from 300°C.
Carbon monoxide, Carbon dioxide, Hydrocarbons, gaseous.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Additional information on tests
The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

SECTION 12: Ecological information

12.1. Toxicity
The product is not: Ecotoxic.

12.2. Persistence and degradability
Biodegradable.

12.3. Bioaccumulative potential
The product has not been tested.

12.4. Mobility in soil
The product has not been tested.

12.5. Results of PBT and vPvB assessment
The product has not been tested.

12.6. Other adverse effects
No information available.

Further information
Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
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Advice on disposal
Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Contaminated packaging
The completely emptied packaging, which has been cleaned with soap and water, can be disposed of via household waste.

SECTION 14: Transport information

14.6. Special precautions for user
No information available.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
not applicable

SECTION 15: Regulatory information

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

EU regulatory information
2004/42/EC (VOC): 100 % (920 g/l)
Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

National regulatory information
Water contaminating class (D): generally water contaminating

15.2. Chemical safety assessment
For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

Abbreviations and acronyms
ADR: Accord européen sur le transport des marchandises dangereuses par Route
International Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

Further Information
The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singulary responsible for adhering to existing laws and regulations.