

MATERIAL SAFETY DATA SHEET

according to EU regulation 1907/2006

Date: 16/02/2019

1. Identification of substance/preparation and of the company	
Trade name	SUNFLOWER OIL REFINED
Use of substance/preparation	Foodstuff, cosmetics
Manufacturer/supplier	Gildewerk B.V.
Address	A Hofmanweg 41, NL-2031BH Haarlem
Phone	+31 (0) 23 532 22 55
E-mail	holland@gildewerk.com
2. Hazards identification	
Classification	No hazardous substance in terms of ordinance of hazardous substances
Information pertaining to special dangers for human and environment	Not applicable
CAS-Nr.: 8001-21-6	Einecs-Nr.: 232-273-9
CTFA-Name: Sunflower Oil	
INCI-Name: Helianthus Annuus Seed Oil	
3. Composition/information on ingredients	
Chemical characterization	Main components are triglycerides obtained from pressing and /or solvent extraction of oilseeds.
Hazardous ingredients	Not applicable
4. First aid measures	
General information	Specific measures are not necessary
In case of inhalation	N.A.
In case of skin contact	Clean with water and soap
In case of eye contact	Flush with distilled water – seek medical advice should irritation persist.
In case of ingestion	Do not induce vomiting. Give water or milk and seek medical attention.
Self-protection of first-aider	N.A.
Information to physician	N.A.
5. Fire-fighting measures	
Suitable extinguishing media	Isolate from air by using powder, CO ₂ or foam

Extinguishing media which must not be used for safety reasons	Water, risk of foaming
Special exposure hazards arising from substance or preparation itself, combustion products or resulting gases	N.A.
Special protective equipment for fire-fighters	Standard for the fighters
Additional information	None
6. Accidental release measures	
Personal precautions	Use anti-slip boots
Environmental precautions	Control leak or contain product and remove oil mechanically or by pumping to a safe containment/tank
Additional information	Slip hazard
7. Handling and storage	
Handling	Specific measures are not necessary
Advices on safe handling	No specific danger
Precautions against fire and explosion	No specific danger
Further information	None
Storage	
Technical measures/storage conditions/	Store in tanks/drums – tank/drum containment is advised
Hints on storage assembly	N.A.
Storage category (VCI)	N.A.
Further information	None
8. Exposure controls and personal protection	
Exposure limit values	Not applicable
Limit value Germany	N.A.
Limit value (OEL) EC	N.A.
Personal protection equipment	N.A.
Respiratory protection	Only in case of abnormal conditions
Hand protection	N.A.
9. Physical and chemical properties	
Appearance	
Physical state	> -4°C fluid
Colour	Light yellow
Odour	N.A.
Safety relevant basic data	
Explosion limits	N.A.
Vapour pressure	N.A.
Density	0.91-0.92
Water solubility (in 20°C)	Insoluble in water
Melting range	< 2°C to -8°C
PH value (20°C)	N.A.

Boiling point/range (°C)	>350°C
Flash point (°C)	>300°C
Smokingpoint (°C)	209°C
Ignition temperature (°C)	N.A.
10. Stability and reactivity	
Conditions to avoid	Stable at ambient temperature and when stored in appropriate conditions.
Materials to avoid	Avoid water ingress
Hazardous decomposition products	No decomposition of products under normal conditions.
11. Toxicological information	
Toxicology	N.A.
Experiences made in practise	None
General remarks	None
12. Ecological information	
Ecotoxicity	Not applicable, bio-degradable
Mobility	Not applicable
Persistence and degradability	Not applicable
Bioaccumulative potential	Not applicable
Other adverse effects	Not applicable
13. Disposal considerations	
Product/preparation	Do not drin into water system
Waste cod/waste designation acc. to European waste catalogue (EWC)/AVV	Not applicable, depending on application
Packaging	Dispose in accordance with local, state and country regulations.
Additional information	None
14. Transport information	
General information	No hazardous substance
Land transport	ADR/RID/GGVSE
Sea transport	IMDG/GGVSee
Air transport	ICAO-TI and IATA-GDR
15. Regulatory information	
Labelling acc. to 67/548/EWG and 1999/45/EC	Not applicable
Other EU regulations	Not applicable
National regulations	Not applicable

16. Other information

Further information

The information given correspond to our current knowledge. The data has been compiled thoroughly, and should support the user at his check. They do not release him from his duty of care. Correctness of the information can not be guaranteed