



MATERIAL SAFETY DATA SHEET

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

1.1 Product Identifier					
Product Name		Sunflower Oil			
Product Code		WHC023			
Biological Definition		Oli obtained from sunflower seeds.			
INCI Name		Helianthus Annuus Seed Oil			
CAS	8001-21-6	EC	232-273-9	EINECS	232-273-9
1.2 Relative identified uses of the substance or mixture and uses advised against					
No additional data					
1.3 Details of the supplier of the safety data sheet					
<p>The Soap Kitchen Ltd Unit E Swinton Bridge Industrial Estate White Lea Road Swinton South Yorkshire S64 8BH UK 01237420872 enquiries@thesoapkitchen.co.uk</p>					
1.4 Emergency Tel. No.		01237420872			

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
No additional data	
Classification (EC 1272/2008)	
<p>Potential Acute Health Effects:</p> <ul style="list-style-type: none">- Thermal burns possible when material is encountered at elevated temperatures. <p>Combustible - not classified as flammable but will burn.</p>	



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2.2 Label Elements

Label in accordance with (EC) No 1272/2008

None

Signal Word

None

Contains

None

Hazard Statements

None

Precautionary Statements

None

Supplementary Statements

None

2.3 Other Hazards

PBT or vPvB according to Annex XIII

No additional data

Adverse physio-chemical properties

No additional data

Adverse effects on human health

No additional data

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Composition

100.0% Helianthus Annuus Seed Oil

CAS: 8001-21-6

Classification:

- **Not classified as hazardous**

04. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Inhalation is unlikely due to the material having low vapour pressure however if inhalation does occur; remove to fresh air. Remain in a position which is comfortable for breathing. Remove to fresh air and remain in a position which is comfortable for breathing. Seek medical attention.
Ingestion	Do NOT induce vomiting. Ingestion may cause nausea and vomiting. Immediately rinse mouth and provide fresh air. If discomfort occurs/continues seek medical attention.
Skin Contact	Remove contaminated clothing and wash before reuse. Wash skin thoroughly with soap and water. If discomfort occurs/continues, seek medical attention.



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Eye Contact	Rinse eyes with clean water for a minimum of fifteen minutes. If safe to do so, remove to contact lenses and continue to rinse. Seek medical attention.
4.2 Most important symptoms and effects, both acute and delayed	
	No additional data
4.3 Indication of any immediate medical attention and special treatment needed	
	Treat symptomatically.

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media	
	Carbon Dioxide, Foam, Dry Chemical Powder, Fire Blanket (Small Fires). Do NOT use water.
5.2 Special hazards arising from the product	
	In the event of fire this product can generate oxides of carbon and other toxic gases. A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke.
5.3 Advice for firefighters	
	Wear self-contained respiratory equipment and appropriate protective clothing at all times. Do not inhale any gases or fumes which may be generated. Containers in close proximity to fire should be removed to a safe distance and the exterior of the container cooled with water.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures	
	Wear protective clothing as recommended at all times. Handle the product using protective gloves resistant to the chemicals exposed. Avoid contact with skin and inhalation of its vapours. Maintain adequate ventilation in the working area after spilling.
6.2 Environmental Precautions	
	Do not discharge into drains, water courses or onto the ground. In the event of the product being release or spilled into any stream, sewer or other body of water; inform the relevant authority immediately. If spillage occurs on soil or water, remove mechanically.
6.3 Methods and material for containment and cleaning up.	
	Small spills: May be removed by mopping and washing thoroughly with hot water and detergent. Large spills: Collect and contain the product with sand. Deposit waste in a container suitable for disposal. Ensure container is tightly sealed and clearly labelled.



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6.4 Reference to other sections

Section 13

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Adhere to all good health, safety and hygiene practices. If handling large/heavy packages or drums, ensure the use of suitable mechanical equipment at all times. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wear personal protective equipment. Do not breathe vapours or spray mist. Use only in area provided with adequate ventilation. Do not eat, drink or smoke whilst handling this product.

7.2 Conditions for safe storage, including any incompatibilities

Store In a cool, dry, well-ventilated area. Protect from freezing, heat and light including sunlight. Protect from all potential sources of ignition. Keep all containers tightly sealed when not in use.

7.3 Specific end use(s)

No additional data

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No additional data

8.2 Exposure controls

Protective Equipment



Process Conditions

Engineering Measures

Install sufficient ventilation across all areas. Install readily available eyewash stations and safety showers.

Respiratory Equipment

Not usually required for this product when sufficient ventilation is present. In the event of ventilation failure or airborne contamination ensure the use of respiratory equipment/protection.



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Hand Protection	Wear appropriate protective chemically resistant gloves at all times which comply with EN374.
Eye Protection	Wear appropriate protective safety goggles or face shield which comply with EN166 at all times.
Other Protection	No additional data
Hygiene Measures	Good hygiene practices are always recommended, especially when handling oils, chemicals or any other similar type of material.
Personal Protection	Wear appropriate workwear for specific application. Contaminated floor areas are slippery and may become dangerous underfoot, use hot water/detergents to clean floors and wear appropriate footwear for environment and products in use.
Skin Protection	Wear appropriate protective chemically resistant clothing at all times to prevent any potential skin contact with this product.
Environmental Exposure Controls	Do not allow entry into drains, water courses or onto the ground.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
Appearance	Liquid
Colour	Yellow
Odour	Characteristic; Neutral, Bland, Free from foreign or rancid odours.
Relative Density	~0.920 @ 20°C
Flash Point (°C)	>250.0
Refractive Index	No additional data
Melting Point (°C)	No additional data
Boiling Point (°C)	No additional data
Vapour Pressure	No additional data
Solubility in Water @20°C	Insoluble
Auto-ignition temperature (°C)	No additional data
9.2 Other information	



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As with most organic materials, mists of finely-divided droplets may present an explosion hazard in a manner similar to dust explosion. The formation of such mists should be avoided or the fine droplets removed by air filters.

10. STABILITY AND REACTIVITY

10.1 Reactivity
Expected to be stable. Becomes rancid on prolonged exposure to air.
10.2 Chemical stability
Expected to remain stable under recommended storage conditions.
10.3 Possible hazardous reactions
None known/expected
10.4 Conditions to Avoid
Oxidation promoting conditions, heat and UV light
10.5 Incompatible materials
Pro-oxidants
10.6 Hazardous Decomposition Products
No additional data

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	This substance is a non-toxic vegetable oil.
Skin corrosion / irritation	No additional data
Serious eye damage / irritation	Slight irritation may occur upon eye contact.
Respiratory or skin sensitisation	No additional data
Germ Cell Mutagenicity	No additional data
Carcinogenicity	No additional data
Reproductive toxicity	No additional data
STOT-single exposure	No additional data



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STOT-repeated exposure	No additional data
Aspiration hazard	No additional data
Photo-toxicity	No additional data
Other Information	Ingestion of large amounts may cause digestive/gastrointestinal tract irritation or upset and repeated oral dosing of large amounts may affect the liver (fatty liver degeneration).

12. ECOLOGICAL INFORMATION

12.1 Toxicity
Vegetable oils are not classified as toxic in an aquatic environment nor do they represent a long-term danger to an aquatic environment, however, vegetable oils should not be disposed of to a marine environment.
12.2 Persistence & degradability
No additional data
12.3 Bioaccumulation Potential
Unlikely to bioaccumulate.
12.4 Mobility in soil
No additional data
12.5 Results of PBT and vPvB Assessment
No additional data
12.6 Other adverse effects
Large scale spillages to marine environments should be dispersed/treated in the same way as mineral (hydrocarbon) slicks. Very large discharges at sea could present the same environmental problems to wildlife as mineral (hydrocarbon) oils.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Always dispose of this product in accordance with local and national regulations. Do not allow entry into drains or waterways. Do not contaminate the ground or water with waste. Do not dispose of waste into the environment. Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals. Recycling is always preferable to disposal. When containers have been fully emptied, ensure the labelling remains.



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14. TRANSPORT INFORMATION

14.1 UN number	
UN No. Road	Not Classified
UN No. SEA	Not Classified
UN No. AIR	Not Classified
14.2 UN proper shipping name	
Not Classified	
14.3 Transport hazard class(es)	
Not Classified	
14.4 Packing group	
Not Classified	
14.5 Environmental hazards	
Not Classified	
14.6 Special precautions for user	
Details throughout document: 6, 7, 8	
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code	
No additional data	

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
No additional data	
15.2 Chemical safety assessment	
No additional data	

16. OTHER INFORMATION

Hazard Statements in Full	None
Revision Date	18/01/2022
Rev No	1



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Revision Reason
New combined document

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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