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MATERIAL SAFETY DATA SHEET

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

1.1 Product Identifier					
Product Name		Sunflower Wax			
Biological Definition		-			
INCI Name		Hydrogenated Vegetable oil Helianthus Annuus Seed Oil Tocopherol			
Synonyms & Trade Names		-			
CAS-No	68334-28-1 8001-21-6 10191-41-0	EC No.	269-820-232 232-273-9 233-466-0	EINECS No.	269-820-6 232-273-9 233-466-0
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					
William Hodgson & Company Unit 3 The Dairy Gawsworth Business Court Shellow Lane North Rode Congleton Cheshire CW12 2FQ.					
1.4 Emergency Tel. No.		+ 44 (0) 1260 222 943			

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
No additional data	
Classification (EC 1272/2008)	

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This product is not classified as hazardous.

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

3.2 Mixtures

25 – 50% Soft Wax from Natural Origin

Glycerides C16 – 18

CAS: 68002-71-1

Classification:

- **Not classified as hazardous**

04. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	In the event of high concentrations of vapour, ensure ventilation with fresh air immediately. Its is always advised to avoid all proactive inhalation. Remove person to fresh air immediately and remain in a position of rest which is comfortable for breathing. If discomfort occurs/continues, seek medical attention.
Ingestion	Do NOT induce vomiting without medical advice to do so. Seek medical attention immediately.
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 with water for a minimum of fifteen minutes. If safe to do so, remove contact lenses.
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	
	<p>Suitable extinguishing media:</p> <ul style="list-style-type: none"> - Foam - Dry Chemical Powder - Carbon Dioxide <p>Unsuitable extinguishing media:</p> <ul style="list-style-type: none"> - Water Jet
5.2 Special hazards arising from the product	
	<p>In the event of incomplete combustion hazardous gasses may consist of;</p> <ul style="list-style-type: none"> - Carbon Dioxide - Carbon Monoxide <p>The combustion gases of organic materials should be in principle classified as poisonous by inhalation. The combustion produces caustic fumes. Vapours are heavier than air and can spread along floors.</p>
5.3 Advice for firefighters	
	<p>Wear self-contained respiratory equipment and appropriate protective clothing at all times. Remove all containers in close proximity to the fire to a safe distance. Cool the exterior of the containers gently with water. Keep all non-trained/non-essential personnel away from fire.</p>

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures	
	No additional data
6.2 Environmental Precautions	
	Prevent spills and leaks. Do not discharge into the aquatic environment without pre-treatment. Stop leaks or spills as soon as possible and do not allow run-off into drains or the environment.
6.3 Methods and material for containment and cleaning up.	
	If possible, immediately stop the flow of material. Collect all material where possible. Absorb and contain with sand. Ensure that any collected waste material is contained in tightly sealed, clearly labelled vessels. If liquid is spilled in large quantities, clean quickly with sampling or vacuum.
6.4 Reference to other sections	

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Section 13

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

General protective measures: Avoid contact with skin, eyes and clothing. Wash hands before breaks and after handling the product. Provide sufficient air exchange and / or exhaust in work rooms. If handling large/heavy packages or drums ensure the use of suitable mechanical equipment. Do not eat, drink or smoke whilst handling this product. Do not allow product in close proximity to any potential sources of ignition.

7.2 Conditions for safe storage, including any incompatibilities

Keep containers tightly sealed when not in use. Store in a cool, dry, well-ventilated place. Suggested storage temperature: <30 ° C. Avoid direct light including sunlight. Handle and open containers with care. Protect from freezing.

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

No additional data

Engineering Measures

General ventilation or dilution is often insufficient to be the only means of controlling employee exposure. Local ventilation is preferred. Ensure there is adequate ventilation across all areas. Install eyewash stations and safety showers are close to the workstation location

Respiratory Equipment

Not usually required if full and sufficient ventilation has been provided in all areas. Respiratory equipment/protection may become necessary in the event of airborne contamination.

Hand Protection

Wear protective gloves. Other protective materials may be used, depending on the situation, if adequate degradation and permeation data are available. If other chemicals are used in conjunction with this substance, material

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	selection should be based on the protection of all substances. Suitable material: - nitrile rubber.
Eye Protection	Use appropriate safety glasses or face shield to protect against any contact with eyes.
Other Protection	No additional data
Hygiene Measures	Good hygiene practices are always recommended, especially when handling chemicals, oils or any other similar substances.
Personal Protection	Avoid contact with chemicals. Do not breathe vapours or spray mist. Do not ingest. Do not clean your hands with dirty or greasy cloths. Change clothes if they are soaked, and in any case after work. Wash skin with soap and water, do not use solvents or strong degreasers.
Skin Protection	Wear appropriate protective clothing at all times to avoid contact with skin.
Environmental Exposure Controls	No additional data

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
Appearance	Soft Wax, Flakes
Colour	Off-white – Ivory
Odour	Characteristic; Faint
Relative Density	No additional data
Flash Point (°C)	>200.0°C
Refractive Index	No additional data
Melting Point (°C)	60.0 – 70.0°C
Boiling Point (°C)	No additional data
Vapour Pressure	No additional data
Solubility in Water @20°C	Insoluble in Water
Auto-ignition temperature (°C)	>200.0°C
9.2 Other information	
No additional data	

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10. STABILITY AND REACTIVITY

10.1 Reactivity	
	Expected to be stable under recommended storage conditions and under normal conditions of use.
10.2 Chemical stability	
	Expected to be stable under recommended storage conditions and under normal conditions of use.
10.3 Possible hazardous reactions	
	None expected under recommended conditions of use and storage.
10.4 Conditions to Avoid	
	None known
10.5 Incompatible materials	
	Avoid strong oxidising agents, strong bases, strong acids
10.6 Hazardous Decomposition Products	
	Hazardous decomposition products formed in the event of fire; Carbon dioxide and carbon dioxide vapours, toxic gases.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	This substance is non-toxic under normal conditions and is not classified in EEC listing
Skin corrosion / irritation	No additional data
Serious eye damage / irritation	No additional data
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
STOT-repeated exposure	No additional data
Aspiration hazard	No additional data
Photo-toxicity	No additional data
Other Information	No additional data

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12. ECOLOGICAL INFORMATION

12.1 Toxicity
No data (water insoluble)
12.2 Persistence & degradability
No additional data
12.3 Bioaccumulation Potential
Expected to be ultimately biodegradable
12.4 Mobility in soil
No additional data
12.5 Results of PBT and vPvB Assessment
No additional data
12.6 Other adverse effects
No additional data

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Always dispose of this product in accordance with local and national regulations.

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	

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14.5 Environmental hazards

Not classified

14.6 Special precautions for user

Not classified

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Not classified

15. REGULATORY INFORMATION

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

Classification and labelling according to EC 1272/2008

No classification

Pictogram none

H phrase (Hazard) none

P phrase (Precautionary) none

No classification or hazards labelling under regulation 1907/2006 (REACH) and EU Regulation 2015/830 and classification according to EC Regulation 1272/2008 (CLP).

15.2 Chemical safety assessment

No additional data

16. OTHER INFORMATION

Hazard Statements in Full	None
Revision Date	19/02/2020
Rev No	2

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.