SAFETY DATA SHEET

In accordance with Regulation (EC) No 1907/2006 (REACH), as amended by Regulation (EU) 2020/878

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

1.1 Product identifier

Trade name	Sunflower Wax for Molds
Description	Sunflower oil, hydrogenated / Refined vegetable oil
Chemical description	Triglycerides

1.2 Relevant identified uses of the substance and uses advised against

Identified uses	For industrial use.
Uses advised against	No further information available.

1.3 Details of the supplier of the safety data sheet

Naturcera
C/Lleida 1 (Pol. Ind. de la Riera de Riudemeia) 08317 Òrrius, Barcelona, Spain
contacto@naturcera.com
+34 93 185 55 00

1.4 Emergency telephone number

+34 93 185 55 00 (office hours only)
+34 91 562 04 20 (National Institute of Toxicology, Madrid, 24 h)

SECTION 2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP), in accordance with Annex II of REACH as amended by Regulation (EU) 2020/878

Not classified.

Adverse physicochemical, human health and environmental effects

No further information available.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)

Labelling not applicable.

Warnings	Product handled at high temperature. Risk of burns on contact with skin and eyes.

2.3 Other hazards

This substance does not meet the PBT/vPvB criteria.
This substance does not have endocrine disrupting properties.
According to the manufacturer's current knowledge and if handled correctly, the product will not cause risks to human health or the environment. Handle in accordance with good industrial safety practice.

SECTION 3. Composition / information on ingredients

3.1 Substances

Name	Identifiers	Classification
Sunflower Wax for Molds	CAS No: 91082-37-0 EC No: 293-750-5 Index No: Not applicable INCI name: Hydrogenated Sunflower Seed Oil REACH registration No: Not applicable	Regulation (EC) No 1272/2008: not classified

3.2 Mixtures

Not applicable.

SECTION 4. First aid measures

4.1 Description of first aid measures

Consult a doctor. Show this safety data sheet to the doctor in attendance.

Inhalation	Not applicable.
Skin contact	In case of burns, cool the burned area for several minutes; apply physiological saline solution or cold (not ice-cold) water to the injury. Cover the burned area with a dressing or a compress moistened with physiological saline or clean cold water. In case of extensive burns, take the victim to a medical facility.
Eye contact	Rinse thoroughly with water for at least 15 minutes and consult a doctor.
Ingestion / aspiration	Rinse mouth with water. Consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Not applicable.

4.3 Indication of any immediate medical attention and special treatment needed

Not applicable.

SECTION 5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	CO_2 or dry chemical powder.
Unsuitable extinguishing media	Do not use a pressurised water jet directly on burning or molten material.

5.2 Special hazards arising from the substance or mixture

No data available.

5.3 Advice for firefighters

Precautions	Stop the leak if it is safe to do so.
Extinguishing instructions	Fight the fire from a reasonable distance, taking the usual precautions.
Protection during firefighting	Do not intervene without suitable protective equipment. Wear self-contained breathing apparatus if necessary.

5.4 Further information

Prevent firefighting water from contaminating surface water or groundwater. Fire residues and contaminated firefighting water must be disposed of in accordance with local regulations. Collect contaminated firefighting water separately. Do not discharge into drains.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Spillages present a slipping hazard. Wear personal protective equipment (safety glasses and safety footwear, suitable protective clothing) in case of large spillages.

6.2 Environmental precautions

Prevent the material from entering surface water or the sewer system. Do not discharge directly into a water source. If accidental release occurs or waste enters drains or watercourses, notify the local environmental authority.

6.3 Methods and material for containment and cleaning up

Small spills: absorb with earth or absorbent materials. Wash with hot water and degreasing products.
Large spills: contain the spilled material and prevent it from reaching watercourses. Allow to solidify and collect once cold; wash residues with plenty of hot water or dilute caustic soda if the type of floor allows it.

6.4 Reference to other sections

For personal protection, see section 8. For disposal, see section 13.

SECTION 7. Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. During loading and unloading operations, adequately protect eyes and extremities.

7.2 Conditions for safe storage, including any incompatibilities

Store at a temperature of 15–20 ºC above its melting point. Preferably store in stainless steel tanks.

7.3 Specific end use(s)

For all known uses of the product, the handling and storage recommendations are those given in the subsections above.

SECTION 8. Exposure controls / personal protection

8.1 Control parameters

Occupational exposure limit values	Non-hazardous product. No studies on exposure limits.
Biological limit values	Non-hazardous product. No studies on biological limits.

8.2 Exposure controls

Handle in accordance with good industrial hygiene and safety practice.

8.3 Individual protection measures

Eye and face protection	Safety glasses with side shields against liquid splashes (EN 166).
Skin protection	Handle with gloves. Gloves must be inspected before use and comply with Regulation (EU) 2016/425 and standard EN ISO 374-1.
Respiratory protection	Not applicable.
Thermal hazards	Not applicable.

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Solid at room temperature / liquid at 85 ºC
Odour	Neutral
Colour	Characteristic
Vapour pressure (20 ºC)	Not available
Boiling point	Not available
Kinematic viscosity	Not available
Relative density (80 ºC)	Not available
Flash point	> 225 ºC
Melting point	51 ºC
Partition coefficient n-octanol/water (log Kow)	Not available
Solubility	Insoluble

9.2 Other information

No further information available.

SECTION 10. Stability and reactivity

10.1 Reactivity
Under normal storage conditions there is no known risk of reactivity.

10.2 Chemical stability
Stable under the recommended storage and handling conditions.

10.3 Possibility of hazardous reactions
None known.

10.4 Conditions to avoid
No risk if used under the specified conditions.

10.5 Incompatible materials
No information available.

10.6 Hazardous decomposition products
Formation of acrolein if heated above 270 ºC at atmospheric pressure.

SECTION 11. Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
Non-toxic product.

Acute toxicity	No acute toxicity is expected in relation to the product.
Chronic toxicity	No potential chronic health effects need to be considered.

Information on likely routes of exposure

Inhalation	No known acute effects under normal conditions of use.
Skin contact	No known effects.
Eye contact	No known effects.
Ingestion	No known acute effects under normal conditions of use.
CMR effects	Not carcinogenic, not mutagenic, not toxic for reproduction.

11.2 Information on other hazards

Endocrine disrupting properties	This substance does not have endocrine disrupting properties.
Other information	If used correctly, no risks to human health are known or to be expected.

SECTION 12. Ecological information

12.1 Toxicity

Short-term (acute) aquatic hazard	No information available.
Long-term (chronic) aquatic hazard	No information available.

12.2 Persistence and degradability
Slow degradability.

12.3 Bioaccumulative potential
No data available.

12.4 Mobility in soil
No data available.

12.5 Results of PBT and vPvB assessment
This substance is not considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

12.6 Endocrine disrupting properties

This substance does not have endocrine disrupting properties.

12.7 Other adverse effects

Prevent surface contamination of soil and surface water.

SECTION 13. Disposal considerations

13.1 Waste treatment methods

Waste treatment	In accordance with local and national regulations. Use only authorised carriers and waste managers. Do not allow the material to contaminate groundwater or surface water. When handling the waste, apply the same precautions as in sections 7 and 8. See section 2.
Packaging disposal	Empty containers and packaging must be disposed of in accordance with current local and national legislation.

SECTION 14. Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

14.1 UN number	Not regulated for transport.
14.2 UN proper shipping name	Not regulated for transport.
14.3 Transport hazard class(es)	Not regulated for transport.
14.4 Packing group	Not regulated for transport.
14.5 Environmental hazards	Not regulated for transport.
14.6 Special precautions for user	Not regulated for transport.
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.

SECTION 15. Regulatory information

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

Regulation (EC) No 1272/2008 (CLP): not classified as hazardous; labelling not applicable.
Does not contain substances subject to restrictions under Annex XVII of REACH.
Does not contain any substance on the REACH Candidate List ≥ 0.1 % / SCL.
Does not contain any substance listed in Annex XIV of REACH.
Does not contain any substance subject to Regulation (EU) No 649/2012 concerning the export and import of hazardous chemicals.
Does not contain any substance subject to Regulation (EU) 2019/1021 on persistent organic pollutants.

15.2 Chemical safety assessment

A chemical safety assessment is not required for this substance.

SECTION 16. Other information

This safety data sheet supplements the technical data sheet but does not constitute a guarantee of product properties or a contractual legal document. The information is given in good faith on the basis of our best knowledge of the product. However, we cannot accept any liability for consequences arising from its use.
Users are warned of the possible risks when the product is used for purposes other than those for which it was intended.
It is the user's responsibility, when handling, storing and using the product, to consult the main regulations in force concerning the protection of workers and the environment.

Version	1.0
Date of issue	21/07/2025