

SAFETY DATA SHEET

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

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION OF THE COMPANY/UNDERTAKING

1.1 Identification of the substance/preparation and company/undertaking

Trade name: **SUNWAX 51**

Description: Sunflower oil, hydrogenated / Refined vegetal oil

Chemical description: Triglycerides

1.2 Relevant identified uses of the substance / preparation and undesirable uses

1.2.1 Relevant identified uses

For industry use only.

1.2.2 Undesirable uses

No data available

1.3 Supplier details

Productes Químics Naturals, S.L.

C/Lleida 1 (Pol.Ind. de la Riera de Riudemeia)

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+34 93 185 55 00

1.4 Emergency telephone number

+34 93 185 55 00 (only during office hours)

+34 91 562 04 20 (National Institute of Toxicology, Madrid, 24h)

2. IDENTIFICATION OF HAZARDS

2.1 Classification of the substance or mixture

Classification according to Regulation (EU) N°.1272/2008 (CLP), according to Regulation (EU) 2015/830, 2020/878 (Annex II of REACH)

Not classified

Adverse physico-chemical, human health and environmental effects

No further information available

2.2 Label elements

Labelling according to Regulation (EC) N° 1272/2008 (CLP)

Labelling not applicable

Words of warning: Product charged at high temperature. Risk of burns by contact with skin and eyes.

2.3 Other dangers

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 and the environment. Handle in accordance with good industrial safety practices.

3. COMPOSITION / INFORMATION OF THE INGREDIENTS

3.1 Substances

Not applicable

Trade name	Identity	Classification
SUNWAX 51	CAS N°: 91082-37-0 EC N°: 293-750-5 N°Index: Not applies INCI name: Hydrogenated Sunflower Seed Oil REACH N°: Not applies	Classification according Regulation (EC) N° 1272/2008. Not classified

3.2 Mixtures

Not applicable

4. FIRST AID MEASURES

4.1 Description of first aid

Consult a doctor. Show this safety data sheet to the doctor treating you.

By inhalation:

Not applicable.

By skin contact:

In case of burns cool 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 wet compress in physiological saline or clean cold water.

In case of extensive burns take the victim to a medical facility.

In case of contact with eyes:

Rinse thoroughly with water for at least 15 minutes and consult a doctor.

If swallowed/aspirated:

Rinse mouth with water. Consult a doctor.

4.2 Main acute and delayed symptoms and effects

Not applicable

4.3 Indication of any medical care and special treatment to be given immediately

Not applicable

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Use CO2, Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames

Unsuitable extinguishing media:

Do not use direct water jet on burning material.

5.2 Specific hazards arising from or in the mixture

No data available

5.3 Recommendations for fire-fighting personnel

Fire precautions:
Instructions for extinguishing the fire:
Protection during fire-fighting:

Stop leak, if safe to do so.
Fight fire from a reasonable distance, taking normal precautions.
Do not intervene without suitable protective equipment. Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

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

6. MEASURES IN CASE OF ACCIDENTAL SPILLAGE

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin eyes and clothes. Note that spillages constitute a slipping hazard. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

For small pouring: absorb with earth or absorbents. Wash with hot water and degreasing cleaner products.

For great pouring: retain the pouring material and avoid it to reach a water way. Let it solidify and collect once cold, wash the remaining with abundant hot water or diluted caustic soda if the type of ground allows it.

6.4 Reference to another section

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

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

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

7.2 Conditions for safe storage, including any incompatibilities

Store at a temperature 15 - 20 °C above its melting point.

Store preferably in stainless steel tanks.

7.3 Specific end uses

For all known uses of the product so far, the handling and storage recommendations are as indicated in the previous subsections.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limit values

Product not hazardous. No studies on exposure limits.

Biological limit values

Product non-hazardous. No studies on biological limits..

8.2 Exposure control

Handle in accordance with good industrial hygiene and safety practice.

8.3 Personal protective measures

Eye and face protection

Safety goggles with side shields against splashing liquids (EN166).

Skin protection

Handle with gloves. Gloves must be inspected before use. The selected protective gloves must comply with the specifications of EU Directive 89/686/EEC and the derived EN 374 standard.

Respiratory protection

Not applicable

Thermal hazards

Not applicable

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance (25°C):	Solid at room temperature / Liquid at 85°C
Odour:	Neutral
Colour:	Characteristic
Vapour pressure (20°C):	No data available
Boiling temperature (°C):	No data available
Cinematic Viscosity (cSt):	No data available
Relative Density(80°C)(gr/cm3):	No data available
Flash point (°C):	>225°C
Melting point (°C):	51 °C
Solubility :	No data available
Partition coefficient n-octanol/water (Log Kow):	Not soluble

9.2 Other information

No further information is available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

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

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

Acrolein formation by heating under atmospheric pressure at temperatures over 270°C.

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

No decomposition if used according to specifications

11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) n° 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 potential routes of exposure

Inhalation: No known acute effects under normal conditions of use.

Dermal 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 Additional toxicological information

11.2.1 Endocrine disrupting properties: This substance has no endocrine disrupting properties.

11.2.2 Other information: If used correctly, no risks to human health are known or to be expected.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Short-term (acute) hazard to the aquatic environment: No data available

Long-term (chronic) Hazard to the aquatic environment: No data available

12.2 Persistence and degradability

Slow biodegradability

12.3 Bioaccumulative potential

No data available

12.4 Movility on the ground

No data available

12.5 Results of the PBT and vPvB assessment

This mixture of substances is not considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

12.6 Endocrine disrupting properties

This substance has no endocrine disrupting properties.

12.7 Other adverse effects

Prevent surface contamination of soil, ground & surface water

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste treatment methods:	According to local and national regulations. Use only authorised transporters and disposers for disposal. Do not allow material to contaminate ground water system. Do not contaminate surface water. Observe the same precautions during handling as recommended in sections 7 and 8 of this Safety Data Sheet. Refer to section 2 of this Safety Date Sheet.
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Methods for packaging disposal :	Empty containers and packaging should be disposed of in accordance with local and national legislation.
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14. TRANSPORT INFORMATION

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

14.1 UN number (ADR) :	Not regulated for transport.
14.2 UN proper shipping name:	Not regulated for transport.
14.3 Transport Hazard classes:	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.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulation/legislation applicable to the substance or mixture

Regulation (EC) n° 1272/2008 (CLP): Not classified as hazardous, labelling not applicable.
 Does not contain substance subject to restrictions according to REACH Annex XVII.
 Does not contain any substance included in the REACH Candidate List $\geq 0.1\%$ / SCL.
 It does not contain any substances listed in Annex XIV of REACH.
 Does not contain any substances subject to Regulation (EU) n° 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of dangerous chemicals.
 Does not contain any substances subject to Regulation (EU) n° 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

15.2 Chemical Safety Assessment

A chemical safety assessment is not required for this substance.

16. **OTHER INFORMATION**

This safety data sheet supplements the specification sheet but does not constitute a guarantee of product properties and is not a contractual legal statement. 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.

We warn users of the potential risks incurred when the product is used for purposes other than those for which it was originally intended.

It is the responsibility of the user, during handling, storage and use of the product, to consult the main regulatory texts in force concerning the protection of workers and the environment.