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## SAFETY DATA SHEET

In accordance with Regulation (EC) N° 1907/2006 Annex II, modified by Regulation (EU) N° 2020/878 - Spain

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### 1. IDENTIFICATION

#### 1.1. Product Identifier

<b>Product Name:</b>	Semi-refined Paraffin 52-55°C
<b>CAS number:</b>	8002-74-2
<b>REACH:</b>	01-21194880XXXX
<b>EC N°:</b>	232-315-6
<b>Code:</b>	PS52TR
<b>Other means of identification:</b>	A complex combination of hydrocarbons obtained from petroleum fractions by solvent crystallization (solvent deoiling) or by the sweating process. It consists predominantly of straight chain hydrocarbons having carbon numbers predominantly greater than C20.

#### 1.2. Recommended use of the chemical and restrictions on use:

**Main uses:**

Use may require material be molten. Molten or heated material may be compounded, moulded or extruded. Manufacture of wax (waxed) waterproof wrapping paper and wax coatings to give water resistance, water shedding, to wood, fabrics, cork, plywood. Substantial component of hot melt adhesives and of candles. In candlemaking, lubricants, greases, in floor and car polishes, cosmetics, ointments, inks, extraction of perfumes, in low temperature electrical insulation. As a coating for food such as cheese products. Emulsions, Vaccine, Metal Plating, Tyre

**Uses advised against:**

Restrictions on use: Uses advised against: Not determined. See Section 16 for a general overview

#### 1.3. Details of the supplier of the safety data sheet:

Ceras Industriales Martí, S.L.  
Pol. Ind. Can Clapers. C/Can Clapers 29 2B  
08181 – SENTMENAT (Barcelona)

#### 1.4. Emergency telephone number:

+34 91 114 2520

### 2. HAZARD IDENTIFICATION

#### 2.1. Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified.

**Adverse physicochemical, human health and environmental effects**

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

**2.2. Label elements:**

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**  
No labelling applicable

**2.3. Other hazards which do not result in classification:**

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1. Substance/mixture:** Substance.  
**Chemical name:** Paraffin waxes and Hydrocarbon waxes.

Ingredient name	Product identifier	%	Classification according to Regulation (EC) Nº 1272/2008 (CLP)
Paraffin waxes and Hydrocarbon waxes	CAS-No.: 8002-74-2 EC-No.: 232-315-6 REACH-no: 01-21194880XXXXX	$\leq 100$	Not classified

**3.2. Mixtures:**  
Not applicable

**4. FIRST AID MEASURES**

**4.1. Description of necessary first aid measures**

<b>First-aid measures after inhalation:</b>	Remove person to fresh air and keep comfortable for breathing.
<b>First-aid measures after skin contact:</b>	Wash skin with plenty of water.
<b>First-aid measures after eye contact:</b>	Rinse eyes with water as a precaution.
<b>First-aid measures after ingestion:</b>	Call a poison center or a doctor if you feel unwell.

**4.2. Most important symptoms/effects, acute and delayed**

No additional information available

**4.3. Indication of immediate medical attention and special treatment needed, if necessary**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**5.1. Extinguishing media:**

**Suitable extinguishing media:** Water spray. Dry powder. Foam.

**5.2. Specific hazards arising from the chemical:**

**Hazardous decomposition products in case of fire:** Toxic fumes may be released.

**5.3. Special protective actions for fire-fighters:**

**Protection during firefighting:** Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

**6. ACCIDENTAL RELEASE MEASURES**

**6.1. Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel**

Emergency procedures: Ventilate spillage area.

**For emergency responders**

Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

**6.2. Environmental precautions**

Avoid release to the environment.

**6.3. Methods and materials for containment and cleaning up:**

**Methods for cleaning up:** Mechanically recover the product.  
**Other information:** Dispose of materials or solid residues at an authorized site.

**6.4. Reference to other sections:**

For further information refer to section 13.

**7. HANDLING AND STORAGE:**

**7.1. Precautions for safe handling:**

**Precautions for safe handling:** Ensure good ventilation of the work station. Wear personal protective equipment.  
**Hygiene measures:** Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

**7.2. Conditions for safe storage, including any incompatibilities:**

**Storage conditions:** Store in a well-ventilated place. Keep cool.

**7.3. Specific end uses:**

No additional information available

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION:**

**8.1. Control parameters:**

**National occupational exposure and biological limit values**

<b>Semi-refined Paraffin (8002-74-2)</b>	
EU- Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	2 mg/m <sup>3</sup> TLV (smoke) ACGIH (2003)

**Recommended monitoring procedures**

No additional information available

**Air contaminants formed**

No additional information available

**DNEL and PNEC**

No additional information available

**Control banding**

No additional information available

**8.2. Appropriate engineering controls:**

**Appropriate engineering controls:**

Provide local exhaust ventilation to control vapor. In the immediate working surroundings there must be: Emergency shower installed. Provide available sufficient washing facilities. Emergency eye showers should be available nearby. For further information refer to section 7. Ensure good ventilation of the work station.

**Personal protection measures**

Personal protective equipment symbol(s):



**Eye/face protection:**

Safety glasses with side shields. Chemical goggles. IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice / attention. Safety glasses

**Skin protection**

Wear suitable protective clothing

**Hand protection:**

Protective gloves

**Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment

**Thermal hazards**

No additional information available

**Environmental exposure controls:**

Avoid release to the environment.

**Other information:**

Eyewash station.

**9. PHYSICAL AND CHEMICAL PROPERTIES AND SAFETY CHARACTERISTICS**

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### 9.1. Information on basic physical and chemical properties:

Physical state	: Solid
Colour	: Colourless to white.
Appearance	: Waxy Paste.
Odour	: characteristic.
Odour threshold	: No data available
Melting point	: 46 °C
Freezing point	: 80 °C
Boiling point	: > 370 °C
Flammability	: Non flammable.
Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
Flash point	: 199 °C
Auto-ignition temperature	: 245 °C
Decomposition temperature	: Not available
pH	: No data available
pH solution	: Not available
Viscosity, kinematic	: Not applicable
Solubility	: Insoluble.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 0.9 g/cm <sup>3</sup> Specific gravity density
Relative density	: Not available
Relative vapour density at 20°C	: Not applicable
Particle size	: Not available

### 9.2. Other Information

No additional information available

### 9.3. Other safety characteristics

Miscibility	: No data available
Specific conductivity	: No available data
Fat solubility	: No data available

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity:

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability:

Stable under normal conditions..

### 10.3. Possibility of hazardous reactions:

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid:

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials:

No additional information available.

### 10.6. Hazardous decomposition products:

No additional information available.

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## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral): Not classified  
Acute toxicity (dermal): Not classified  
Acute toxicity (inhalation): Not classified

<b>Semi-refined Paraffin and Hydrocarbon waxes (8002-74-2)</b>	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

Skin corrosion/irritation: Not classified  
pH: No data available

<b>Semi-refined Paraffin and Hydrocarbon waxes (8002-74-2)</b>	
pH	No data available

Serious eye damage/irritation: Not classified  
pH: No data available

<b>Semi-refined Paraffin and Hydrocarbon waxes (8002-74-2)</b>	
pH	No data available

Respiratory or skin sensitisation: Not classified  
Germ cell mutagenicity: Not classified  
Carcinogenicity: Not classified  
Reproductive toxicity: Not classified  
STOT-single exposure: Not classified  
STOT-repeated exposure: Not classified  
Aspiration hazard: Not classified

<b>Semi-refined Paraffin (8002-74-2)</b>	
Viscosity, Kinematic	Not applicable

<b>Semi-refined Paraffin and Hydrocarbon waxes (8002-74-2)</b>	
Viscosity, Kinematic	Not applicable

### 11.2. Information on other hazards

No additional information available

## 12. ECOLOGICAL INFORMATION:

### 12.1. Toxicity

Ecology - general: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute): Not classified  
Hazardous to the aquatic environment, long-term (chronic): Not classified  
Not rapidly degradable.

**12.2. Persistence and degradability**  
No additional information available.

**12.3. Bioaccumulative potential**  
No additional information available.

**12.4. Mobility in soil**  
No additional information available.

**12.5. Results of PBT and vPvB assessment**  
No additional information available.

**12.6. Endocrine disrupting properties**  
No additional information available.

**12.7. Other adverse effects**  
No additional information available.

### 13. DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

Dispose of contents/container in accordance with licensed collector's sorting instructions.

### 14. TRANSPORT INFORMATION

	ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.2. UN proper shipping name</b>	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3. Transport Hazard class (es)</b>	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

No supplementary information available.

#### 14.6. Special precautions for user:

##### Overland transport

Not regulated

##### Transport by sea

Not regulated

##### Air transport

Not regulated

##### Inland waterway transport

Not regulated

##### Rail transport

Not regulated

#### 14.7. Transport in bulk according to IMO instruments

Not applicable.

### 15. REGULATORY INFORMATION

#### EU regulations

##### REACH Annex XVII (Restriction List)

Not listed on REACH Annex XVII

##### REACH Annex XIV (Authorisation List)

Not listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Not listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Not listed on the PIC list (Regulation EU 649/2012)

##### POP Regulation (Persistent Organic Pollutants)

Not listed on the POP list (Regulation EU 2019/1021)

##### Ozone Regulation (1005/2009)

Not listed on the Ozone Depletion list (Regulation EU 1005/2009)

##### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

##### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### National regulations

##### Germany

Employment restrictions:

Observe restrictions according Act on the Protection of Working Mothers (MuSchG).

Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG).

Water hazard class (WGK):

WGK nwg, Non-hazardous to water (Classification according to AwSV; ID No. 268).

Hazardous Incident Ordinance (12. BImSchV):

Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

##### Netherlands

ABM category:

A(4) - low hazard for aquatic organisms, may have longterm hazardous effects in aquatic environment

SZW-lijst van kankerverwekkende stoffen:

Paraffin waxes and Hydrocarbon waxes is listed

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SZW-lijst van mutagene stoffen:  
Paraffin waxes and Hydrocarbon waxes is listed

SZW-lijst van reprotoxische stoffen – Borstvoeding:  
The substance is not listed

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid:  
The substance is not listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling:  
The substance is not listed

**Switzerland**  
Storage class (LK):  
NG - Non-hazardous

### **Chemical safety assessment**

No chemical safety assessment has been carried out.

## **16. OTHER INFORMATION**

### **Key to abbreviations**

AND = European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
BLV = Biological limit value  
BOD = Biochemical oxygen demand (BOD)  
COD = Chemical oxygen demand (COD)  
DMEL = Derived Minimal Effect level  
DNEL = Derived-No Effect Level  
EC-Nº = European Community number  
EC50 = Median effective concentration  
EN = European Standard  
IARC = International Agency for Research on Cancer  
IATA = International Air Transport Association  
IMDG = International Maritime Dangerous Goods  
LC50 = Median lethal concentration  
LD50 = Median lethal dose  
LOAEL = Lowest Observed Adverse Effect Level  
NOAEC = No-Observed Adverse Effect Concentration  
NOAEL = No-Observed Adverse Effect Level  
NOEC = No-Observed Effect Concentration  
OECD = Organisation for Economic Co-operation and Development  
OEL = Occupational Exposure Limit  
PBT = Persistent Bioaccumulative Toxic  
PNEC = Predicted No-Effect Concentration  
RID = Regulations concerning the International Carriage of Dangerous Goods by Rail  
SDS = Safety Data Sheet  
STP = Sewage treatment plant  
ThOD = Theoretical oxygen demand (ThOD)  
TLM = Median Tolerance Limit  
VOC = Volatile Organic Compounds  
CAS Nº = Chemical Abstract Service number  
N.O.S. = Not Otherwise Specified  
VPvB = Very Persistent and Very Bioaccumulative



BEESWAX	PALM WAX
SOY WAX	CARNAUBA WAX
RAPESEED WAX	CANDELILLA WAX
PARAFFINS	NATURAL GUMS
MICROCRYSTALLINE	WAX EMULSIONS
STEARIC ACID	LANOLIN

ED = Endocrine disrupting properties

Data sources: ECHA (European Chemicals Agency). Supplier's safety documents. According to Regulation (EU) 2015/830, 2020/878 (REACH Annex II).

**Notice to reader:**

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.