

Naturcera

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 AND OF THE COMPANY/UNDERTAKING

1.1 Identification of the substance or preparation and of the company or undertaking

Trade name:

CERA MICROCRISTALINA 64-70

Chemical description:

Paraffin waxes and hydrocarbon waxes, microcrystalline.

1.2 Relevant identified uses of the substance/preparation and uses advised against

1.2.1 Relevant identified uses

Coatings, lubricants, wood, rubber, plastic, etc.

1.2.2 Uses advised against

No further information available

1.3 Details of the supplier

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+34 93 185 55 00

1.4 Emergency telephone number

+34 93 185 55 00 (office hours only)

+34 91 562 04 20 (Instituto Nacional de Toxicología, Madrid, Spain, 24h)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP), in accordance with Regulation (EU) 2015/830, 2020/878 (Annex II of REACH)

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

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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Trade name	Identifiers	Classification
CERA MICROCRISTALINA 64-70	CAS number: 63231-60-7 EC number: 264-038-1 INCI name: Microcrystalline Wax REACH number: 01-2119495561-32	Classification according to Regulation (EC) No 1272/2008. Not classified

3.2 Mixtures

Not applicable

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4. FIRST AID MEASURES

4.1 Description of first aid measures

4.1.1 General: Take off all contaminated clothing

4.1.2 If inhaled: Remove person to fresh air. In case of discomfort, consult a doctor

4.1.3 In case of skin contact: Wash with plenty of soap and water. If irritation occurs and persists, consult a doctor. In case of burns from contact with hot material, cool the material adhering to the skin with water as quickly as possible and consult a doctor.

4.1.4 In case of eye contact: Rinse with plenty of water, keeping the eyelids well apart. If irritation persists, consult an ophthalmologist.

4.1.5 If swallowed: If the person is conscious, rinse the mouth with water. Do not induce vomiting without medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/effects: Not considered hazardous under normal conditions of use.

Symptoms/effects after inhalation: None expected.

Symptoms/effects after skin contact: None expected.

Symptoms/effects after ingestion: Gastrointestinal discomfort. Repeated ingestion of the product is considered a highly unlikely route of exposure when working under adequate conditions of occupational health and hygiene.

Symptoms/effects after administration: Likely routes of exposure: skin and eyes

Chronic symptoms: None known.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Any ingredient present in a significant proportion according to the criteria laid down in Regulation 1272/2008 is listed in subsection 3.2 of this Safety Data Sheet. Seek urgent medical attention.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Water spray, powder and foam (carbon dioxide (CO₂))

Unsuitable extinguishing media: Do not use a water jet.

5.2 Special hazards arising from the substance or mixture

The product may ignite at high temperature or in contact with very hot surfaces

The product may release carbon dioxide and carbon monoxide as a result of thermal decomposition.

5.3 Advice for firefighters

Fire precautionary measures: Stop the leak if safe to do so.

Firefighting instructions: Fight the fire from a reasonable distance, taking the usual precautions.

Protection during firefighting: Do not intervene without suitable protective equipment.

5.4 Further information

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

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing. Avoid contact with skin and eyes. Do not ingest or inhale.

6.2 Environmental precautions

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

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6.3 Methods and material for containment and cleaning up

For small spills, absorb with absorbent material and collect with a shovel. Then finish cleaning the affected area with plenty of high-pressure water. For large spills, it is recommended to contain the spill area with absorbent material and recover as much product as possible by pumping into suitable containers. Then clean the affected area with plenty of high-pressure water.

6.4 Reference to other sections

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

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Technical measures/precautions: Provide good ventilation (local exhaust) of the work area, safety showers and an eyewash station near the workplace. Avoid release to the environment. Wear personal protective equipment (see Section 8). Keep the product away from heat, sparks, flames and other sources of ignition. Use earthed equipment.

General occupational hygiene: Do not eat, drink or smoke in work areas. Wash hands after each use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Technical measures and storage conditions: Store in a cool, dry place. Avoid direct sunlight.

Keep in the original container, tightly closed, to prevent over-oxidation. Keep away from oxidising agents and combustible material.

7.2.2 Requirements for storage rooms and containers: Store in a dry place in tightly closed original containers. Store in a well-ventilated place. Handling temperature: 0-30°C

7.2.3 Storage incompatibility: Do not store together with food, drink or animal feed.

7.3 Specific end use(s)

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limits: TLV-TWA:2 mg/m3 vapours

Additional exposure limits depending on the conditions of use: Not available.

DNEL/DMEL and PNEC values: Not available.

8.2 Exposure controls

8.2.1 Appropriate engineering controls: General ventilation is recommended. Ensure good ventilation when handling the product in confined spaces.

8.2.2 Personal protective equipment

Appropriate engineering controls: Keep exposure to a minimum.

Environmental exposure controls: Do not discharge directly into the environment.

Individual protection measures, such as personal protective equipment:

Respiratory protection: We recommend the use of self-contained breathing apparatus to avoid inhalation of dusts and in case of insufficient ventilation.

Hand protection: Chemical-resistant gloves. Suitable material: Polyvinyl chloride (PVC) / latex / vinyl / nitrile rubber/ rubber. Breakthrough time: not determined.

Eye protection: Safety goggles with side shields or full face mask in case of splashes.

Skin and body protection: Wear "standard" work clothing. It is recommended to wear a protective apron and long sleeves, both heat-protective.

8.2.3 Environmental exposure controls

Avoid spills and seepage into the subsoil. Avoid contamination of watercourses and discharge of the product into sewer systems.

It is recommended that a safety shower and eyewash station always be available in the area where the product is handled.

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Wash your hands and any part of the body that has been exposed to the product before drinking, eating, using the toilet and at the end of the work period. Be aware of your exposure to the products used in your workplace and act responsibly to avoid contaminating other areas. Try to adopt good hygiene habits and ask your company manager for help.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance (25°C):	Solid
Odour:	Characteristic
Colour:	White
pH (25°):	Not applicable
Boiling point (°C):	>290
Flash point (°C):	> 190 (ASTM D92)
Vapour pressure (20°C):	undetermined
Density (15°C)	≈0.9 g/cm ³
Flammability:	flammable at high temperature
Explosive properties:	Not explosive
Solubility in water (g/l) at 20°C:	Insoluble
Partition coefficient n-octanol/water (Log Kow):	undetermined

9.2 Other information

No further information available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

May react with oxidising agents such as chlorates, nitrates, peroxides, etc.

10.2 Chemical stability

Stable under normal storage conditions.

10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid

It is recommended to avoid any contact with heat sources, open flames or strong oxidising agents.

10.5 Incompatible materials

Oxidising agents

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

In the event of combustion, carbon oxide may be produced.

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. (LD50 oral: Not available / LD50 dermal: Not available).

Chronic toxicity: No potential chronic health effects need be considered.

Information on likely routes of exposure:

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

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11.2 Additional toxicological information

11.2.1 Endocrine disrupting properties: This substance does not have endocrine disrupting properties.

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

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No data have been generated in this respect. This product is not soluble in water and is not expected to cause an adverse environmental effect.

Short-term (acute) hazard to the aquatic environment: Not classified

Long-term (chronic) hazard to the aquatic environment: Not classified

12.2 Persistence and degradability

Biodegradation: undetermined

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (Log Kow): undetermined

12.4 Mobility in soil

Readily removed by an abiotic adsorption process.

12.5 Results of PBT and vPvB assessment

This mixture of substances is not considered 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

No data / information available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste treatment methods: In accordance with local and national regulations. Use only authorised carriers and waste managers for disposal. Do not allow the material to contaminate the groundwater system. Do not contaminate surface water.
Observe the same precautions when handling the waste as those recommended in Sections 7 and 8 of this Safety Data Sheet. See Section 2 of this Safety Data Sheet.

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 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.

15. REGULATORY INFORMATION

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

Regulation (EC) No 1272/2008 (CLP): product not classified as hazardous, labelling not applicable.

Does not contain substances subject to restrictions under Annex XVII of REACH

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Does not contain any substance included in the REACH Candidate List $\geq 0.1\%$ / SCL

Does not contain any substance listed in Annex XIV of REACH

Does not contain any substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Does not contain any substance subject to Regulation (EU) No 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 the product's properties and is not a contractual legal report. The information is provided in good faith on the basis of our best knowledge of the product. However, we cannot accept any liability for the consequences arising from its use.

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

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