



1. Identification of substance/mix and business/business

1.1. Product ID

Material/commercial name: KERAGEL
Product number:

1.2. Relevant identified uses of substances or mixtures and uses not recommended

Relevant identified uses: Wax gel/Special Effect candle

1.3. Security data sheet provider details

Company: Vegteam , O Talho Vegetariano Lda
Rua Quinta de Santa Marta nº 4
Escritórios EF 1495-171 Algés
Phone : +351 911749753
E-Mail : info@ecocandleproject.com

Emergency phone number

Emergency phone number: Centro de Informações Anti-Venenos do INEM (CIAV) 800 250 250

2. Identifying hazards

2.1. Substance or Mixing Classification

Contains:

Regulation (UE) n°2020/878:

Physical and chemical risks: Not classified as dangerous

Human Health Risks: Not Classified as Dangerous

Environmental Risks: Not Classified as Dangerous

Directive 67/548 CEE or EC classification 1999/45: Not classified as dangerous

The full text for danger declarations and R sentences is provided in Article 16.

2.2. Label elements (in accordance with Regulation (UE) n°2020/878)

Pictogram:	N/A
Signal word:	N/A
Danger Declaration (s):	N/A
Precautionary statement:	N/A
Additional label information (EU):	N/A

2.3. Other dangers

None specified.

3. Composition/ingredient information

3.1. mixture

A mixture of white mineral oil and thermoplastic elastomers.

4. First aid measures

4.1. Description of first aid measures

Inhalation: Remove the victim from the fresh air and rest in a comfortable position to breathe.

See a doctor if symptoms persist.

Skin contact: Remove contaminated clothing and wash affected clothing with soap and water.

Contact with the skin with hot wax: Immediately dive or rinse the burnt area with large amounts of cold water for as long as possible (at least 15 minutes) to cool down. Do not remove solidified surfaces from burnt skin or contaminated clothing as damaged skin can be torn easily. Keep sterile by covering with a clean cotton or gauze sheet. If you have skin irritation or a rash, see a doctor.

Eye contact: Rinse with water for at least 15 minutes, keeping eyelids open. If irritation persists, seek medical attention.

Eye contact with hot wax: Do not open the eyelids if they are covered with wax. Rinse eyes immediately with large amounts of water for at least 15 minutes. Get immediate medical attention.

Ingestion: Seek immediate medical attention.

4.2. The most significant, acute and delayed symptoms and effects

May cause eye irritation (e.g. redness, tears), skin irritation (e.g. redness, itching).

4.3. Indication of any immediate medical treatment and special treatment required

Specific treatment: First aid and treatment of symptoms.



5. Firefighting measures

5.1. Extinction media

Use fog sprays, carbon dioxide or dry chemicals.

5.2. Special risks arising from the substance or mixture

Incomplete combustion or high temperatures can produce acrid vapours.

5.3. Advice to firefighters

Wear chemical-resistant protective clothing and breathing apparatus. If this is not risky, remove the packages from the exposure to the fire. Spray undurable containers with water to keep cool. Prevent solid or melted products and firefighting water from contaminating drains or streams (cover drains).

6. Accidental rejection measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear appropriate gloves and protective clothing to prevent contamination of the skin, eyes and personal clothing.

6.2. Environmental procedures

Contain the spill safely, if possible. Prevent entering dra, streams and sewers.

6.3. Methods and materials for containment and cleaning

Contain the spill with inert materials such as sand, soil or vermiculite. Allow the hot wax to cool. Collect and dispose safely.

6.4. Reference to other sections

See Section 8 for details on personal precautions, protective equipment and emergency procedures. See section 13 for details on elimination.

7. Handling and storage

7.1. Precautions for safe handling

Protective measures: Handling in accordance with good industrial hygiene and safety.

Fire prevention measures: Stay away from ignition sources.

Measures to prevent the environment :P the wells and sewers from entering the product. Tips on general occupational hygiene: Avoid contact with skin, eyes and clothing.

7.2. Safety storage conditions, including incompatibilities

Store in original, sealed containers and in a well-ventilated area. Keep the heat and direct sunlight.

7.3. Specific use

Recommendations: Follow the instructions for use.

8. Exposure controls/personal protection

8.1. Control settings

Exposure limits, paraffin vapours: 2mg/m³ 8 hours TWA

8.2. Exposure controls

Personal protection:

Respiratory protection: Avoid inhaling steam, fog or vapours generated during use and use in a well-ventilated area if possible.

Skin protection: Wear appropriate gloves and appropriate protective workwear. After contact with the skin, wash immediately with soap and water.

Eye protection: Wear appropriate safety goggles.



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9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Clear gel
Smell:	Characteristic
Softening point (C):	70-85
Boiling point/boil (C):	>250
Congeaing Point:	N/A
Flashpoint (ASTM D 93) (C):	>250
Automatic ignition point (C):	>180
Density at 20oC (g/cm ³):	About 0.86
Solubility in water (% by weight):	Insoluble

note: These are typical values and are not intended for a specification.

9.2. More information

None specified.

10. Stability and responsiveness

10.1. Reactivity

No specific reactivity-related test data is available for this product. It is not expected to be particularly responsive under normal circumstances and conditions of use.

10.2. Chemical stability

Chemically stable in normal temperatures, recommended conditions of storage and use.

10.3. Possibility of dangerous reactions

No dangerous reaction when handled and stored in accordance with the provisions. Can react with oxidations.

10.4. Conditions to avoid

Avoid contact with strong acids and oxidizing agents.

10.5. Incompatible materials

Avoid contact with strong acids and oxidizing agents.

10.6. Dangerous decomposition products

Thermal decomposition can produce carbon monoxide, organic acids, adehhhydes, alcohol, irritating fumes and smoke.

11. Toxicological information

11.1. Toxicological Effects Information

Acute toxicity:	No data are available.
Skin corrosion/irritation:	No data are available.
Severe eye injury/irritation:	No data are available.
Respiratory or skin sensitization: No data	are available.
Germ cell mutation:	No data are available.
Carcinogenicity:	No data available.
Reproductive toxicity:	No data are available.
Stot-unique exposure: No	data available.
STOT-reset EXPOSITION: No	data available.

11.2. Other potential health effects

Inhalation:	May be harmful.
Ingestion: Can	be harmful if swallowed.
Eye irritation: May	cause eye irritation.
Skin irritation: Can cause skin irritation or	rash. May cause dry skin and cracking by repeated exposure.



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12. Ecological information

- 12.1. Toxicity**
Non-toxic under normal conditions of use.
- 12.2. Persistence and degradability**
They are not expected to release persistent compounds.
- 12.3. Potential bio accumulation: It is not expected to bio accumulate.**
- 12.4. Mobility in the ground**
motionless.
- 12.5. Results of the PBT and vPvB evaluation**
No data available.
- 12.6. Other side effects**
No data available.
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13. Elimination considerations

- 13.1. Waste treatment methods**
Eliminate controlled waste, through a licensed contractor, ensuring that all requirements of national and local authorities are met. Packaging must also be disposed of in the form of controlled waste in accordance with local authorities' guidelines.
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14. Transportation information

- 14.1. UN number**
Non applicable.
- 14.2. Appropriate UN shipping name**
Non applicable.
- 14.3. Transport danger class (es)**
Non applicable.
- 14.4. Packing group**
Non applicable.
- 14.5. Environmental risks**
IMDG: Not classified as dangerous.
ADR/RID: Not classified as dangerous.
IATA: Not classified as dangerous.
- 14.6. Special precautions for the user**
Avoid high temperatures for long periods of time. Avoid contact with strong oxidants.
- 14.7. Bulk transport under MarPOL73/78 Schedule II and the IBC Code**
Non applicable.
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15. Regulatory information

- 15.1. Substance or blending safety, health and environmental regulations/laws**
EU Legislation: Regulation (UE) n°2020/878. (CLP) and Regulation (EC) No. 1907/2006 (REACH)
Other regulations: Occupational Health and Safety, etc. 1974 Act
Health-safe substances control regulations 2002 (as amended) 2009 Regulations on classification, labelling and packaging of substances and mixtures (as amended) Eh40/2005 Occupational Exposure Limits (modified)
Environmental Protection Act 1990
Hazardous Waste Regulations 2005 (as amended)
- 15.2. Chemical safety assessment**
No data available.



16. More information

SDS review

This data sheet meets regulatory requirements (EC) No. 1907/2006 and Regulation (UE) n°2020/878.

Regulation (UE) n°2020/878.

This mixture was classified according to the methods described in Article 9(4) of Regulation (UE) n°2020/878.

More information

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered.

It is intended to describe our product from the point of view of safety requirements and is not intended to guarantee a particular good. Our products are intended for sale to industrial and commercial customers. We ask customers to test our products before using them and to be satisfied with the content and suitability. Nothing in this case constitutes another guarantee, express or implied.

The following toxicological data are correct at the time of issuance.
