

MATERIAL SAFETY DATA SHEET
RAPESEED WAX - COLZA

1. **IDENTIFICATION OF THE SUBSTANCE/PREPARATION & COMPANY**

1.1 Product Identifier

Product name:	Rapeseed Wax - COLZA
REACH registered name:	-
REACH registered No:	See section 3
EC number:	See section 3

1.2 Use of substance

Intended uses:	Chemical and Industrial as a raw material for further processing
Uses advised against:	No information available

1.3 Supplier Details

Name	CANDLE O E (Candle.gr)
Address:	Leonidou 23, 12136 Peristeri Athens - Greece
Phone Number:	+30 210 5711087 (Monday - Friday 09.00 17.00)
Email:	info@candle.gr

1.4 Emergency Number	+30 210 7793777 (Monday - Friday 09.00 17.00)
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2. **HAZARDS IDENTIFICATION**

2.1 Classification of the Substance of Mixture:

Does not contain any components which are hazardous according to CLP Regulation 1272/2008/EC

2.2 Label Elements:

Does not require a hazard warning label in accordance with CLP Regulation 1272/2008/EC.

2.3 Other Hazards:

Hot liquid may cause thermal burns

3. **COMPOSITION / INFORMATION ON INGREDIENTS**

Substance/composition related information

Chemical characterization:	hardened rapeseed oil 67701-03-5 8002-74-2 84681-71-0
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Component EINECS numbers:	266-928-5 232-315-6 283-532-8
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Hazard ingredients:	None
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REACH-No.:	01-2119543709-29 01-2119488076 30 exempt
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4 **FIRST AID MEASURES**

4.1 **Description of First Aid Measures**

General information:	Remove contaminated/saturated clothing. In case of accident or illness seek medical advice immediately.
Inhalation:	Remove the affected person to fresh air, keep warm and rest. If recovery is not rapid, seek medical advice
Skin Contact:	Wash the affected parts of the body with soap and water. No emergency measures are necessary but if adverse skin effects follow, seek medical advice
Eye Contact:	Flush eyes immediately with fresh water for at least 5 minutes while holding the eyelids open. No emergency measures are necessary but if adverse eye effects follow, seek medical advice
Ingestion:	Do not induce vomiting. No emergency measures are necessary but if adverse health effects follow or large amounts are swallowed, seek medical advice

4.2 **Most important symptoms and effects, both acute and delayed**

Inhalation:	High concentration of vapours may induce: Headache, nausea, dizziness. Irritant effect to the respiratory tract
Skin Contact:	May cause slight irritation to the skin. Heated product may cause burns
Eye Contact:	May cause slight irritation to eyes
Ingestion:	May cause nausea

4.3 **Indication of any immediate medical attention and special treatment needed**

In contact with or splashed by melted product, quickly cool area with water.

5. **FIRE-FIGHTING MEASURES**

5.1 **Extinguishing media**

Suitable extinguishing media: Foam, Dry Chemical Powder, Carbon Dioxide.
Unsuitable extinguishing media: Water.

5.2 **Special hazards arising from the substance or mixture**

Slight flammability hazard when exposed to heat or flame. During a fire, toxic gases (carbon monoxide, nitrous gases) may be generated by thermal decomposition or combustion.

5.3 **Advice for firefighters**

Only suitably trained personnel should attempt to tackle fires. Breathing apparatus and protective clothing should be worn. Do not remain in the immediate vicinity without respiratory protective equipment and protective clothing.

6. **ACCIDENTAL RELEASE**

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

For non-emergency personnel: Wear suitable protective clothing. See section 8. Stop leak if safe to do so. Remove sources of ignition.

For emergency responders: Wear suitable protective clothing and breathing apparatus. See section 8. Stop leak if safe to do so. Remove sources of ignition

6.2 **Environmental precautions**

Water may be used to flush spills away from sources of ignition. Prevent spreading by damming. Do not allow the product to enter public drainage system or open water course. Avoid release to the environment.

6.3 **Methods and material for containment and cleaning up**

Containment: Stop leak if safe to do so. Use damming system to prevent spreading.

Cleaning up: Use sand or active clay to absorb spilled substance and remove to containers for disposal. When in liquid state, cool and allow to solidify.

6.4 **Reference to other sections**

See sections 8 and 13

7. **HANDLING AND STORAGE**

7.1 **Precautions for safe handling**

Recommendations: Handle in accordance with GMP and safety procedures. The molten product can cause severe burns. Use molten product in well ventilated areas. Use personal protective equipment as required.

General advice: Do not eat or drink in immediate vicinity. Wash hands after use. Remove any contaminated clothing before eating or drinking.

7.2 **Conditions for safe storage including any incompatibilities**

Keep material sealed, dry and out of direct sunlight. Avoid heat and ignition sources. Store in original containers or other high density polyethylene containers which are sealable and clearly labelled. Clean up spilled material immediately.

7.3 **Specific end use(s)**

No data available

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**

8.1 **Control Parameters**

TWA TLV (ACGIH):	No data available
DNEL:	No data available
PNEC:	No data available
PEL:	No data available
REL:	No data available

8.2 Exposure Controls

Appropriate engineering measures:	Facilities storing or utilising this material should be equipped with an eyewash facility.
Eye protection:	Wear appropriate eye protection with side shields (EN166).
Skin protection:	Use impervious gloves (EN374). PVC is suitable for casual contact. If direct contact for more than 2 hours then Neoprene or nitrile gloves recommended.
Respiratory protection:	Inhalation of the vapour, fumes or mists should be avoided by safe working practices and good ventilation.
Thermal Hazards:	Thermal hazards only applicable when material is heated. Use appropriate heat resistant gloves.
Environmental Exposure Controls:	See sections 6, 7, 12 and 13.

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Information on basic chemical and physical properties

Appearance:	Liquid (at elevated temperature) Solid (at ambient temperature)
Odour:	No data available
Odour Threshold:	No data available
pH:	No data available
Melting point/Congeaing point:	50-80°C
Initial boiling point/range:	No data available
Flash point:	>180°C
Evaporation rate:	No data available
Flammability (solid, gas):	No data available
Explosion Limits:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Relative density (at 20°C):	~0.90g/cm ³
Solubility in water:	Insoluble
Solubility in other solvents:	No data available
Partition coefficient n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity (Kinematic, at 120°C):	<30 mpas
Explosive properties:	No data available
Oxidizing properties:	No data available

9.2 Other information

No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

Not reactive under normal storage and handling conditions (see section 7). May react with strong oxidising agents, especially at high temperatures.

10.2 Chemical stability

Stable under normal storage and handling conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions are expected to occur under normal storage and handling conditions.

10.4 Conditions to avoid

Extremes of temperature (preferably, store between 5 and 39°C). The product is combustible when heated >300°C.

10.5 Incompatible materials

May react with strong oxidants (e.g. chlorates, peroxides).

10.6 Hazardous decomposition products

No hazardous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Non- human toxicological data

Acute oral toxicity:	LD50 (rat) > 2000 mg/kg
Acute dermal toxicity:	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitisation	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
STOT - single exposure	No data available
STOT - repeated exposure	No data available
Aspiration toxicity	No data available
Additional information:	Data obtained by analogy e.g. QSAR.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available.

Behavior in environmental compartments:

Technically correct releases of minimal concentrations to adapted biological sewage plants will not disturb the biodegradability of activated sludge.

Further information: Do not allow uncontrolled discharge of product into the environment.

13. DISPOSAL CONDITIONS

13.1 Waste treatment methods

Treat in accordance with EU directive 2008/98/EC. Transport to authorised waste location, or incinerate under controlled conditions (EU Directives 2000/76/EC and 1999/31/EC apply). Do not dispose to drains or sewage systems.

14. **TRANSPORT INFORMATION**

- 14.1 UN number**
Not classified
- 14.2 UN Proper shipping name**
Not Classified
- 14.3 Transport Hazard Class(es)**
Not Classified
- 14.4 Packing Group**
Not Classified
- 14.5 Environmental Hazards**
None
- 14.6 Special Precautions for user**
None
- 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code**

15. **REGULATORY INFORMATION**

Labeling in accordance to EC-directive:

The product does not require a hazard warning label in accordance to 67/548/EWG and 1999/45/EC; as well as EC/1272/2008.

National regulation:

Please check local regulation and contact administration.

Water hazard class: 1: slightly hazardous to water in accordance with AwSV

16. **OTHER INFORMATION**

Recommended restrictions on use

Do not heat up to temperatures higher than flash point.

SVHC

The substances listed in (<http://echa.europa.eu/en/candidate-list-table>) are neither expected nor intentionally introduced during the manufacturing process. Our products do not have any contact to these substances during the manufacturing process. The fact that these substances are not intentionally introduced does not exclude that trace levels below 0,1 % may be unintentionally present or may be the result of specific characteristics of the raw material.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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