



## Material safety data sheet

According to EU Regulation 1907/2006 in the current version

### COCONUT OIL RBD

#### 1. Identification of the substance/mixture and company

Trade name: Coconut Oil RBD  
Natural product extracted from copra - the dried coconut kernel, undergoes a process of refining, bleaching, and deodorizing using steam.

I.N.C.I. Cocos Nucifera Oil  
CAS No. : 8001-31-8  
EINESCS No. : 232-282-8  
REACH pre-registration No. : /  
Utilization: Raw material for cosmetic or professional use  
Supplier company identification: **Elemental SRL**, Piața Cazărmii no.15, 410188-Oradea, jud. Bihor, Romania  
Tel/Fax: +40259-436.755, www.elemental.eu  
Emergency: RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București.  
International emergency number: +49 180 2273-112

#### 2. Hazards Identification

##### 2.1 Classification of the substance or mixture

Not classified as a hazardous substance.

##### 2.2 Label elements

Hazard pictograms: None  
Hazard statement: None  
Precautionary statement: None

##### 2.3 Other hazards

None

#### 3. Declaration of ingredients

The product contains the following ingredients:

Substance	C.A.S.	EINECS	Percent %
Cocos Nucifera Oil	8001-31-8	232-282-8	100%

#### 4. First aid measures

##### 4.1 Description of first aid measures

In case of contact with skin: Clean contact area with warm water and mild soap. Non-hazardous.

In case of contact with eyes: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritations persist. Non-hazardous.

In case of inhalation: Not applicable. There is no applicable vapor at any ambient temperature.

In case of ingestion: Do not induce vomiting. Drink plenty of water and 2-3 cups of milk.

##### 4.2 Main symptoms and effects, both acute and delayed

Not applicable



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4.3 Indication to consult a physician immediately or any special treatments  
In case of illness contact your physician immediately.

#### 5. Fire fighting measures

##### 5.1 Means of extinction

Small fire: Use dry chemical powder. Water stream may splash the burning liquid and spread the fire.

Large fire: Use water spray to cool drums exposed to fire. You can also use foam.

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

This product is made up of inflammable material with low risk. The product may only form ignitable mixtures or burn only upon heating above the flashpoint. However, minor contamination by lightly volatile hydrocarbons may increase the hazard. Ignition hazard at welding at the empty container.

Dangerous combustion residues: smoke, carbon monoxide, carbon dioxide.

##### 5.3 Recommendations for fire-fighters

Always wear full fire protection equipment (protective helmet with visor, fireproof clothing, intervention gloves, breathing apparatus).

#### 6. Accidental release measures

##### 6.1 Personal precautions, protective devices and emergency procedures

Remove sources of ignition, provide adequate ventilation, avoid contact with skin and eye contact. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

##### 6.2 Environmental precautions

Prevent the product from entering drains, superficial drains, groundwater and confined areas. In case of such contamination inform the competent authorities.

##### 6.3 Methods and materials for containment and remediation

Gather product mechanically if possible. Bind the remaining product with sand or other appropriate absorbent and remove.

Small spills and residues may be absorbed with material such as cloth or sawdust, washed away with water and cleaned with sodic products. Larger spillage may be pumped.

##### 6.4 Reference to other sections

Dispose of product and contaminated absorbents in suitable containers, as directed in section 13.

#### 7. Handling and storage

##### 7.1 Precautions for safe handling

Keep away from fire. Keep away from source of ignition. Empty containers that pose a fire risk; evaporate the residue under the fume hood. Ground all equipment containing material. Keep away from incompatibles such as oxidizing agents, acids and alkalis.



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#### 7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry area away from heat or ignition sources. Use with adequate ventilation and personal protective equipment.

#### 7.3 Specific end uses

None

### 8. Exposure controls / personal protection

#### 8.1 Control parameters

There are no specific control parameters.

#### 8.2 Exposure controls



Hand protection: Wear suitable protective gloves in the event of prolonged or repeated skin contact. Gloves must be selected according to the application and duration of use at the workstation. Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Skin protection: Wear work clothes with long sleeves and safety footwear for professional use of category I (ref. Directive 89/686 / EEC and standard EN 344). Wash with soap and water after removing protective clothing.

Respiratory protection: Use protective masks. The use of respiratory protection is necessary in the absence of technical measures to limit worker exposure.

Eye protection: Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes.

### 9. Physical and chemical properties

#### 9.1 Information on physical and chemical properties

Appearance: semi solid at room temperature

Color: clear to off-white

Odor: neutral

Melting point: 24° C - 27° C

Specific gravity: 0.9192 – 0.9178

Solubility in water: insoluble

Moisture and volatile matter: 0.10% max

Free Fatty Acid as Lauric: 0.03% - 0.05%

Flash point: 200 ° C

Lower explosion limit: 0.9

Upper explosion limit: >0

#### 9.2 Other information

None

### 10. Stability and reactivity

Stable under normal conditions of use.

#### 10.1 Responsiveness

It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents. Oxidation with atmospheric oxygen. Formation of free fatty acids.



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#### 10.2 Chemical stability

The product is stable under normal conditions.

#### 10.3 Possibility of dangerous reactions

It presents no significant hazardous reaction. Reacts with oxidants.

#### 10.4 Conditions to avoid

Excess heat, incompatible materials.

#### 10.5 Incompatible materials

Avoid contact with strong oxidants.

#### 10.6 Hazardous decomposition products

Product does not decompose at proper handling. Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

### 11. Toxicological information

#### 11.1 Information on toxicological effects

Not classified as hazardous conform EEC Dangerous Substance Directive and Dangerous Preparation Directives. If the product is used properly it will not cause any injuries to health.

### 12. Ecological information

#### 12.1 Toxicity

Low

#### 12.2 Persistence and degradability

Not applicable

#### 12.3 Bioaccumulation potential

Not applicable

#### 12.4 Ground mobility

Not applicable

#### 12.5 Results of PBT and vPvB assessment

Not applicable

#### 12.6 Other adverse effects

Not applicable

### 13. Disposal considerations

#### 13.1 Waste treatment methods

Absorb the oil with material such as cloth, paper or sawdust. Collect and dispose of waste product at an authorized disposal facility. Product remainders should not intrude in soil or waters.

### 14. Transport information

No special requirement and no restriction on transport by land, sea or air.



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14.1 UN number

Not classified

14.2 UN shipping name

Not classified

14.3 Class of danger for transport

Not classified

14.4 Packing group

Not classified

14.5 Environmental hazards

Not applicable

14.6 Special precautions for users

Not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Not applicable

## 15. Regulatory information

15.1 Regulations and legislation on health, safety and environment specific to the substance or mixture

Not applicable.

15.2 Chemical safety assessment.

An assessment has not been executed.

## 16. Additional information

16.1 Abbreviations:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

LTE: Long-term exposure.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

STE: Short-term exposure.

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.



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#### Disclaimer:

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.