

Safety Data Sheet

Virgin Coconut Oil (*Cocus nucifera*)

Version 17.05.2018

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Virgin Coconut Oil

Further trade names

Virgin Coconut Oil, Organic
Deodorised Coconut Oil, Organic

CAS No: 8001-31-8

EC No: 232-282-8

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Manufacture of food products, Cosmetics, personal care products

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This substance is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. Label elements

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.1. Substances

Chemical characterization

INCI-Name: COCOS NUCIFERA OIL

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SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air.

After contact with skin

Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Rinse mouth immediately and drink plenty of water. Observe risk of aspiration if vomiting occurs.

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

No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

extinguishing powder, carbon dioxide, foam, sand or earth

Unsuitable extinguishing media

Water

5.2. Special hazards arising from the substance or mixture

difficult to ignite

In case of fire may be liberated: carbon black, Carbon monoxide, Carbon dioxide.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Special danger of slipping by leaking/spilling product.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. If large quantities are released, inform the competent authorities.

6.3. Methods and material for containment and cleaning up

Cover drains. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

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Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Special danger of slipping by leaking/spilling product.

Advice on protection against fire and explosion

Not readily combustible. Keep away from sources of ignition - No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store in a dry, well-ventilated place and protect from heat or direct sunlight.

Advice on storage compatibility

Do not store together with: Oxidizing agent

Further information on storage conditions

Recommended storage temperature: 10-30°C

7.3. Specific end use(s)

Manufacture of food products, Cosmetics, personal care products

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Eye/face protection

Not mandatory.

Hand protection

Not mandatory.

Skin protection

Wear suitable protective clothing.

Respiratory protection

Respiratory protection required only when vapours and spray mist are present. filter: A Colour code: brown

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	solid
Colour:	white
Odour:	characteristic

pH-Value:	not applicable
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Changes in the physical state

Melting point:	ca. -15 °C
Initial boiling point and boiling range:	> 230 °C
Flash point:	> 130 °C
Ignition temperature:	> 200 °C
Decomposition temperature:	> 300 °C

Oxidising properties

Not oxidising.

Vapour pressure:	not determined
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Density (40°C):	0,91 - 0,96 g/cm ³
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Water solubility: The study does not need to be conducted because the substance is known to be insoluble in water

Solubility in other solvents

Soluble in: non-polar organic solvents

Partition coefficient: > 6

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Reacts with strong oxidizing agents. Fire hazard.

10.4. Conditions to avoid

Avoid humidity and exposure of light and air. Keep away from sources of heat and ignition. Protect from direct sunlight.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

Thermal decomposition from 300°C.
Carbon monoxide, Carbon dioxide, Hydrocarbons, gaseous.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Additional information on tests

The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

SECTION 12: Ecological information

12.1. Toxicity

The product is not: Ecotoxic.

12.2. Persistence and degradability

Biodegradable.

12.3. Bio accumulative potential

The product has not been tested.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The product has not been tested.

12.6. Other adverse effects

No information available.

Further information

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Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Contaminated packaging

The completely emptied packaging, which has been cleaned with soap and water, can be disposed of via household waste.

SECTION 14: Transport information

14.6. Special precautions for user

No information available.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

2004/42/EC (VOC):

100 % (920 g/l)

Information according to 2012/18/EU
(SEVESO III):

Not subject to 2012/18/EU (SEVESO III)

National regulatory information

Water contaminating class (D):

generally water contaminating

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

Further Information

The information is based on present level of our knowledge. It does not, however, given assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.