

SafetyData Sheet

according to Regulation (EC) No 1907/2006

Castor Oil

Revision date: 09.08.2023

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

1.1. Product identifier

Castor Oil refined

CAS No: 8001-79-4

EC No: 232-293-8

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

Use of the substance/mixture

Vegetable oil for different applications

1.3. Details of the supplier

Pieni tuoksukauppa

Tuoksukauppa.net

tuoksukauppa@gmail.com

1.4. Emergency telephone

+49 (0) 791 9780800

number:

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

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

This substance does not have endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

3.1. Substances

Hazardous components (none)

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
8001-79-4	Castor Oil			100 %
	232-293-8			

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

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General information

If used properly, no special measures are necessary.

After inhalation

not applicable

After contact with skin

not applicable

After contact with eyes

not applicable

After ingestion

not applicable

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

When used properly, no health hazards are to be expected.

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

Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Non-flammable. In case of fire may be liberated: Gases/vapours, irritant; Gases/vapours, harmful

5.3. Advice for firefighters

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

Additional information

Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

If used properly, no special measures are necessary.

For non-emergency personnel

No special measures are necessary.

For emergency responders

No special measures are necessary.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Clean contaminated articles and floor according to the environmental legislation.

6.3. Methods and material for containment and cleaning up

For containment

Cover drains.

For cleaning up

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

Other information

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

6.4. Reference to other sections

Safe handling: see section 7

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Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

No special measures are necessary.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Advice on general occupational hygiene

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

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

Hints on joint storage

No special measures are necessary.

7.3. Specific end use(s)

Vegetable oil for different applications

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls

Individual protection measures, such as personal protective equipment

Eye/face protection

Voluntary use of personal protective equipment.

Hand protection

Voluntary use of personal protective equipment.

Skin protection

Voluntary use of personal protective equipment.

Respiratory protection

Voluntary use of personal protective equipment.

Thermal hazards

No special measures are necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid	
Colour:	light yellow - yellow	
Odour:	characteristic	
Melting point/freezing point:		not determined
Boiling point or initial boiling point and boiling range:		>350 °C
Flammability:		not applicable
		not applicable

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Lower explosion limits:	not determined
Upper explosion limits:	not determined
Flash point:	>200 °C
Decomposition temperature:	not determined
pH-Value:	not determined
Water solubility:	The study does not need to be conducted because the substance is known to be insoluble in water.
Solubility in other solvents	
not determined	
Partition coefficient n-octanol/water:	not determined
Vapour pressure:	not determined
Density:	0,96 g/cm ³
Relative vapour density:	not determined

9.2. Other information

Information with regard to physical hazard classes

Self-ignition temperature

Solid:

not applicable

Gas:

not applicable

Oxidizing properties

Not oxidising.

Other safety characteristics

Evaporation rate:

not determined

Solid content:

not determined

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

No known hazardous reactions.

10.4. Conditions to avoid

none

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapours.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Based on available data, the classification criteria are not met.

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

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Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Additional information on tests

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

11.2. Information on other hazards

Endocrine disrupting properties

This substance does not have endocrine disrupting properties with respect to non-target organisms.

SECTION 12: Ecological information

12.1. Toxicity

The product is not: Ecotoxic

12.2. Persistence and degradability

Readily biodegradable (according to OECD criteria).

12.3. Bioaccumulative 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

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

There is no analytical data available.

12.6. Endocrine disrupting properties

This substance does not have endocrine disrupting properties with respect to non-target organisms.

There is no analytical data available.

12.7. Other adverse effects

No information available.

Further information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

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14.4.Packing group:	No dangerous good in sense of this transport regulation.
Marine transport(IMDG)	
14.1.UN numberorID number:	No dangerous good in sense of this transport regulation.
14.2.UN proper shippingname:	No dangerous good in sense of this transport regulation.
14.3.Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4.Packing group:	No dangerous good in sense of this transport regulation.
Air transport(ICA0-TI/IATA-DGR)	
14.1.UN numberorID number:	No dangerous good in sense of this transport regulation.
14.2.UN proper shippingname:	No dangerous good in sense of this transport regulation.
14.3.Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4.Packing group:	No dangerous good in sense of this transport regulation.
14.5.Environmentalhazards	
ENVIRONMENTALLY HAZARDOUS:	No
14.6.Specialprecautions foruser	
See SECTION 2.1 (classification).	
14.7.Maritime transportin bulk according to IMO instruments	
not applicable	

SECTION 15:Regulatory information

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

EU regulatoryinformation

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Nationalregulatory information

Water hazard class (D): awg - hazardous to water in general

15.2.Chemicalsafety assessment

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

SECTION 16:Other information

Changes

This data sheet contains changes from the previous version in section(s): 2,4,5,6,7,8,10,11,12.

Abbreviationsand 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 the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.