

MATERIAL SAFETY DATA SHEET
CASTOR OIL BP



1. Identification of Substance, Preparation and Company

Product Name: Castor Oil BP

Company Name: Bathbomb.biz limited
Company Address: 37 Worting Road
Basingstoke
Hampshire
RG21 8TZ

Emergency Phone Number: 01256 474889

2. Composition Information on Ingredients

Definition / Botanical Origin:
CAS No: 8001-79-4
EINECS: 232-293-8
INCI Name: *Ricinus Communis Oil*
Synonyms: Triglyceride vegetable oil derived from the Castor Bean

3. Hazards Identification

Not classified as a hazardous material under normal conditions of use.

4. First Aid Measures

Inhalation: No vapours present at normal temperatures.
Eye Exposure: Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.
Skin Contact: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.
Ingestion: Not considered dangerous.
Others: Take Risk and Safety phrases (section 15) into consideration.

5. Fire Fighting Measures

Extinguishing Media Recommended: Use CO2, Dry Powder or Foam Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.
Special Measures: Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.
Extinguishing Procedures: Closed containers may build up pressure when exposed to



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heat and should be cooled with water spray.

6. Accidental Release Measures

Personal precautions:	Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages..
Environmental precautions:	Keep away from drains, soils, surface & ground waters.
Cleaning up methods for spillages:	Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe local disposal regulations.

7. Handling and Storage

Precautions in handling:	Apply good manufacturing and industrial hygiene practices ensuring proper ventilation. Do not drink, eat or smoke while handling. Observe good personal hygiene.
Storage conditions:	Store in tightly closed original container, in a cool, dry & ventilated area (Optimum storage temps. 10-22°C) away from heat sources & protected from light. Keep air contact to a minimum.
Fire protection:	Keep away from ignition sources and naked flame. Take precautions to avoid static discharges in working area.

8. Exposure Controls / Personal Protection

Respiratory protection:	No special measures under normal conditions.
Ventilation:	Ensure good ventilation of working area.
Hand protection:	No special measures under normal conditions.
Eye protection:	Wear safety glasses if there is a risk of splashing.
Work/Hygiene practices:	Wash hands with soap & water after handling.



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9. Physical and Chemical Properties

Colour / Appearance:	2.0 maximum
Acid Value	150 minimum
Iodine Value (Wijs)	82 – 90
Light Absorption:	1.0 @ 268/270 nm
Optical Rotation	+3.5°C - +6.0°C
Peroxide Value (meg KOH/kg)	5.0 maximum
Refractive Index @ 20°C	1.477 – 1.481
Specific Gravity @20°C	0.952 – 0.965
Saponification Value:	176 – 187
Unsaponifiable Matter:	0.8% maximum w/w
Foreign Fatty Substance:	Complies with BP
Water:	0.3% maximum

10. Stability and Reactivity

Reactivity:	Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.
Decomposition:	None (thermal decomposition products are H ₂ O and CO ₂)

11. Toxicological Information

Not irritant. No evidence of hypersensitivity on skin contact and harmless if inhaled or ingested.

LD/LC50 Value Not tested on animals

12. Ecological Information

Biodegradability:	Readily biodegradable.
Mobility:	Insoluble in water.

13. Disposal Considerations

- Dispose of according to local regulations
- Avoid disposing into drainage systems and into the environment



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14. Transport Information

Road (ADR/RID):	Not applicable
Air (IATA):	Not applicable
Sea (IMDG)	Not applicable
CHIP:	See section 15

15. Regulatory Information (According to Directive 88/379/EEC)

Hazards:	Not applicable
Symbols:	Not applicable
Risk Phrases:	Not applicable
Safety Phrases:	Not applicable

16. Other Information

Cosmetics Directive 7th Amendment: Not restricted

16.1. Packaging

Type	Suitability
Glass:	Yes
Lacquer lined steel / tin:	Yes
Aluminium:	Yes
HDPE:	Yes
F/HDPE:	Yes
Other plastic:	Yes

16.2. Shelf Life

When stored within advised conditions, re-test after 12 months and then at 6 monthly intervals up to a maximum life of 24 months.



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16.3. QC Requirements

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use..

Should you have any questions relating to the use of this product, please contact bathbomb.biz Ltd either by phone (01256 474889) or by email (fizzy@bathbomb.biz) .

