



CASTOR OIL BP  
Material Safety Data Sheet

**Product Name**

Castor Oil BP

**Supplier**

Just a Soap  
South East Lodge  
Rede Road  
Whepstead  
Bury St Edmunds  
IP29 4ST  
01284 735043

**Composition/Ingredients Information**

A naturally occurring triglyceride vegetable oil and is the highest grade of oil obtained from the castor oil bean.

CAS no: 8001-79-4

EINECS: 292-293-8

**Hazards Identification**

Not classified as hazardous for supply under UK CPL or CHIP Regulations.

**At First Aid Measures**

Eye Contact: Flush immediately with water and obtain medical attentions.

Consult a doctor if pain, blinking, tears or redness persists.

Skin Contact: Wash thoroughly with mild soap and water. Prolonged exposure may lead to reddening on sensitive skin.

Ingestion: no problems if ingested. Will have purgative effects.

**Fire Fighting Measures**

General: not classified as inflammable.

Flash point : >300°C.

Extinguishers: Foam CO<sup>2</sup>, dry chemical powder. DO NOT use direct water spray.

Combustion products: carbon oxides or carbon and trace oxides of sulphur.

**Accidental Release Measures**

Personal precautions:

Equip clean up crew with proper protection.

Environment precautions:

Notify authorities if liquid enters public 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 state, federal and local disposal regulations.

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**Handling & Storage**

Apply good manufacturing practice and industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.

Storage conditions: Store in tightly closed original container, in a cool, dry and ventilated area away from heat sources and protected from light. Keep air contact to a minimum.

**Exposure Controls/Personal Protection**

Adequate personal protective equipment must be worn when handling hot oil.

**Physical & Chemical Properties**

Colour: nearly colourless or faintly yellow.

Relative density at 20°C – 0.952-0.965

Extinctions: 1.0 max @ 268/270mm

Moisture: 0.3% maximum

Iodine Value: 82-90

Saponification value: 176-187

Acid value: 2.0 maximum

Unsaponifiables w/w : 0.8% maximum

Optical rotation: between +3.5° and 6.0°

Hydroxyl value: 150 minimum

Peroxide value: 5.0 max

Light absorption: 1.0 max

Specification conforms to the British Pharmacopoeia and relevant amendments.

**Stability & Reactivity**

Stable:

Contamination with alkalis will form soaps and hot conc acids will char the oil.

**Toxicological Information**

General: Castor Oil BP is a vegetable oil and can be thought of as something similar to “cooking oil”.

Oral: may be taken internally.

Skin contact: very little effect.

Inhalation: Not applicable under normal use.

Eye contact: a bland oil, although any eye contact should be dealt with immediately.

**Ecological Information**

No long term damage to the environment is envisaged. If the oil enters streams and rivers in large quantities it will cut off the oxygen supply to aquatic life.

Completely biodegradable.

**Disposal Considerations**

According to local authority regulations.



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**Transport Regulations**

Not classified as hazardous for transport in its solid state.

**Regulatory Information**

Not classified as hazardous for supply under UK CPL or CHIP Regulations.

**Other Information**

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

This information relates only to the specific product designated and may not be valid for such product used in combination with any other materials or processes. Such information is, to the best of Just A Soap's knowledge and belief, accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their own particular use.

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