



# SAFETY DATA SHEET

## CASTOR OIL

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### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

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PRODUCT NAME: CASTOR OIL

PRODUCT NO: RM060

SUPPLIER J M Loveridge Ltd  
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Mr. S Knight – admin@jmloveridge.com

EMERGENCY CONTACT NUMBER:

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### 2 HAZARDS IDENTIFICATION

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Not classified as a hazardous material according to EU regulation 1272/2008. Care should be taken when handling hot oil as it may constitute a burns hazard. Spills constitute a slippage hazard.

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### 3 COMPOSITION/INFORMATION ON INGREDIENTS

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CAS Number: 8001-79-4  
EINECS Number: 232-293-8  
INCI Name: Ricinus Communis (Castor) Seed Oil  
Synonyms: Triglyceride vegetable oil derived from the Castor Bean  
Applications: Household products, cosmetics, lubricants, polyurethane systems  
Origin: India or China

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### 4 FIRST-AID MEASURES

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#### SKIN CONTACT

Unlikely to cause irritation even on repeated contact.

#### EYE CONTACT

Wash and rinse with plenty of water – there may be irritation and redness.

#### INGESTION

Not considered dangerous.

#### INHALATION

No vapours present at normal temperatures.

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## 5 FIRE-FIGHTING MEASURES

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### SUITABLE EXTINGUISHERS

Carbon dioxide, foam or dry chemicals.

### UNSUITABLE EXTINGUISHERS

Water jet.

### PROTECTIVE CLOTHING

Fire fighters should wear protective clothing and approved respirator.

### HAZARDS

Avoid inhalation of fumes.

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## 6 ACCIDENTAL RELEASE MEASURES

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### ENVIRONMENTAL PRECAUTIONS

Prevent from entering drains, surfaces and ground waters.

### CLEANING

Absorb into dry earth or sand.

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## 7 HANDLING AND STORAGE

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### HANDLING

Normal hygiene practices should be employed.

### STORAGE

Avoid exposure to excessive heat. Keep containers tightly closed. Do not store in Copper and its alloys.

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## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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### ENGINEERING MEASURES

Provide adequate ventilation.

### RESPIRATORY EQUIPMENT

No specific recommendation made.

### HAND PROTECTION

Protective gloves should be used if there is a risk of direct contact or splash.

### EYE PROTECTION

If risk of splashing, wear safety goggles or face shield.

### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

### HYGIENE MEASURES

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

### SKIN PROTECTION

Wear apron or protective clothing in case of contact.

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**9 PHYSICAL AND CHEMICAL PROPERTIES**

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Please see separate specification sheet.

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**10 STABILITY AND REACTIVITY**

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**STABILITY**

Stable under normal conditions.

**CONDITIONS TO AVOID**

Oxidation promoting conditions (heat/light) temperatures over 100°C, and frost.

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**11 TOXICOLOGICAL INFORMATION**

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Expected to have a low order of toxicity. Prolonged and repeated skin/eye contact may cause slight irritation.

LD/LC50 Value: Not tested on animals.

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**12 ECOLOGICAL INFORMATION**

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**BIODEGRADABILITY**

Readily biodegradable.

**MOBILITY**

Insoluble in water.

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**13 DISPOSAL CONSIDERATIONS**

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Dispose of according to local and national regulations.

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**14 TRANSPORT INFORMATION**

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No special requirements and no restrictions on transportation by land, sea or air. Not classified as hazardous.

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**15 REGULATORY INFORMATION**

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Not classified as hazardous. No labelling required under (DSD 67/548/EEC), EC No 1272/2008 CLP, EC No 1907/1907/2006 REACH Regulations.

**EU DIRECTIVES**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

**STATUTORY INSTRUMENTS**

The Chemicals (Hazard information and Packing for Supply) Regulations 2009 (S.I 2009 No. 716).

**APPROVED CODE OF PRACTICE**

Classification and Labelling of Substances and Preparations Dangerous for Supply.

**GUIDANCE NOTES**

Workplace Exposure Limits EH40.

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## **16 OTHER INFORMATION**

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### **DISCLAIMER**

The foregoing data has been compiled for safety information only and does not form part of any selling specification. Information contained in this SDS is to the best of JML's knowledge correct at the time of publication. However, no guarantee is given to its accuracy, reliability or completeness and the information may not be valid if the product is used in combination with other materials or process. It is the responsibility of the user to ensure that the product which they have selected is entirely suitable for their purpose under their conditions of use and in compliance with current regulatory requirements.