



SAFETY DATA SHEET

CASTOR OIL

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

PRODUCT NAME:	CASTOR OIL
PART No.:	RM060
SUPPLIER:	J M Loveridge plc Southbrook Road, Southampton Hampshire SO15 1BH Tel: 023 8022 2008 Fax: 023 8022 2117

2. COMPOSITION/INFORMATION ON INGREDIENTS:

EU INDEX No.:	- - -
COMPOSITION COMMENTS:	Contains mixture of Ricinoleic acid (~87%) and Oleic acid (~7%)

3. HAZARDS IDENTIFICATION:

Not regarded as a health or environmental hazard under current legislation.

4. FIRST AID MEASURES:

GENERAL:	IN ALL CASES OF DOUBT OR WHEN SYMPTOMS PERSIST, ALWAYS SEEK MEDICAL ATTENTION
INGESTION:	DO NOT INDUCE VOMITING. In case of spontaneous vomiting, be sure that vomit can freely drain because of danger of suffocation. Only when conscious, rinse mouth with plenty of water and give plenty of water to drink - (approx 500ml). Obtain medical attention if adverse symptoms occur. Product has laxative properties.
SKIN:	Wash affected area with plenty of soap and water.
EYES:	Immediately rinse with water for several minutes.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA:	Foam, dry chemical or carbon dioxide.
SPECIAL FIRE FIGHTING PROCEDURES:	UNSUITABLE EXTINGUISHING MEDIA - high pressure water-jet.

UNUSUAL FIRE & EXPLOSION HAZARDS:	Combustible materials impregnated with castor oil may spontaneously ignite.
HAZARDOUS COMBUSTION PRODUCTS:	Burning may release oxides of carbon and other hazardous gases or vapours. - acrolein vapour.
PROTECTIVE MEASURES IN FIRE:	Fire fighters should wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES:

PERSONAL PRECAUTION IN SPILL:	Spillage may constitute a slipping hazard.
PRECAUTIONS TO PROTECT ENVIRONMENT:	Prevent contamination of soil, drains and surface water.
SPILL CLEANUP METHODS:	Do not use combustible materials (such as sawdust) to soak-up spillages. Take-up spillage with absorbent, inert material and place in a suitable and closable labelled container for recovery or disposal. Wash the area clean with water and detergent, observing environmental requirements.

7. HANDLING AND STORAGE:

USAGE PRECAUTIONS:	The product should be used in accordance with good industrial safety practice and hygiene principles for handling and storing of chemicals. Sawdust, rags or other combustible materials impregnated with castor oil may spontaneously ignite.
STORAGE PRECAUTIONS:	Store in a cool, dry, well ventilated place, in securely closed original container.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

PROTECTIVE GLOVES:	Use impervious gloves.
EYE PROTECTION:	Use eye protection if eye contact is likely.
OTHER PROTECTION:	Wear personal protective equipment appropriate to the quantity of material handled. Wear non-skid boots to minimise potential of slipping in case of spillage. Use respiratory protection in the presence of oil mist or where oil may be atomised.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	Clear, colourless or pale yellow oily liquid. At low temperatures may be slightly cloudy.		
ODOUR/TASTE:	Characteristic oily odour.		
DENSITY/SPECIFIC GRAVITY (g/ml):	0.96 kg/m ³	Temperature (°C):	
SOLUBILITY DESCRIPTION:	Insoluble in water. Soluble in: Ethanol. Ether. Chloroform.		
FLASH POINT (°C):	229	Method:	
AUTO IGNITION TEMP. (°C):	445		

10. STABILITY AND REACTIVITY:

STABILITY:	Stable under normal conditions of use.
HAZARDOUS DECOMP. PRODUCTS:	Thermal decomposition or burning may release oxides of carbon or other hazardous gases, acrid smoke and irritating fumes. - oxides of sulphur and acrolein.

11. TOXICOLOGICAL INFORMATION:

HEALTH HAZARDS, GENERAL:	No specific health effects anticipated with this product.
INGESTION:	Ingestion of a dose of 15 - 50g (adult) will act as mild purgative. Large quantities may give rise to nausea, vomiting or colic.

12. ECOLOGICAL INFORMATION:

ECOLOGICAL INFORMATION:	No specific data or information available regarding environmental impact.
DEGRADABILITY:	Potentially biodegradable.

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS:	Via authorised/licenced waste disposal contractor to an approved waste disposal site, observing all local and national regulations.
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14. TRANSPORT INFORMATION:

GENERAL:	Not classified as hazardous for transport.
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15. REGULATORY INFORMATION:

RISK PHRASES:	Not classified.
SAFETY PHRASES:	Not classified.
UK REGULATORY REFERENCES:	This product is not classed as dangerous substance under the classification, packaging and labelling of dangerous substances regulations.

16. OTHER INFORMATION:

INFORMATION SOURCES:	This product has been classified in accordance with CHIP3 regulations.
REVISION COMMENTS:	Edition 01; Revised item(s):
ISSUED BY:	MK
SDS No.:	095
DATE:	12/07/02
DISCLAIMER:	<p>The foregoing data has been compiled for safety information only and does not form part of any selling specification. Information contained in this Data Sheet is to the best of JMLs knowledge correct at the time of publication. Customers should always satisfy themselves, that the product which they have selected is entirely suitable for their purpose under their conditions of use and in compliance with current regulations. For any further information, please contact the supplier.</p>