

MATERIAL SAFETY DATA SHEET

DATE : 23/12/15

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY NAME

PRODUCT NAME: Castor Oil No. 1
SYNONYMS: Refined Triglyceride vegetable oil derived from the Castor Bean.
SUPPLIER: Lubrisolve Engineering Solutions Ltd.
Unit 3
South Hill
Somerton
Somerset
TA11 7JQ
Tel. +44 (0)1458 241241
Emergency Tel. +44 (0)7831 189311
e-mail: enquiries@lubrisolve.co.uk

2. HAZARDS IDENTIFICATION

CLASSIFICATION UNDER CLP: This product has no classification under CLP.
LABEL ELEMENTS: P233 – Keep container tightly closed.
P264 – Wash skin thoroughly after handling.
OTHER HAZARDS: This substance is not identified as a PBT substance.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY: Castor Oil No. 1
CAS REGISTRY NO.: 8001-79-4.
EINECS NO.: 232-293-8.

4. FIRST AID MEASURES

EYE CONTACT: Bathe the eye with running water for 15 minutes.
SKIN CONTACT: Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Wash skin with soap and water.
INGESTION: Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Seek medical attention.
IMMEDIATE/SPECIAL TREATMENT: Not applicable.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Carbon di-oxide. Dry chemical powder. Do not use water.
PROTECTION FOR FIRE-FIGHTERS: Wear self contained breathing apparatus.

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6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear suitable protective clothing.
ENVIRONMENTAL PRECAUTIONS: Do not discharge into drains or rivers.
CLEAN-UP PROCEDURES: Absorb into dry earth or sand.

7. HANDLING AND STORAGE

HANDLING: Wear suitable protective clothing. Avoid the formation or spread of mists in the air. Avoid contact with the material. Causes slippery surface when spilled.
STORAGE: Keep containers tightly closed. Protect from low temperatures and frost. Avoid exposure to excessive heat.
SUITABLE PACKAGING: Do not store in Copper and its alloys.
SPECIFIC END USE: No data available.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

WORKPLACE EXPOSURE LIMITS: Not applicable.
HAND PROTECTION: Protective gloves.
EYE PROTECTION: Face shield.
SKIN PROTECTION: Protective clothing with elasticated cuffs and closed neck.

9. PHYSICAL AND CHEMICAL PROPERTIES

STATE: Oil.
COLOUR: Yellow.
ODOUR: Barely perceptible odour.
SOLUBILITY IN WATER: Insoluble.
VISCOSITY: Highly viscous.
RELATIVE DENSITY @ 20°C: 0.958 to 0.969.

10. STABILITY AND REACTIVITY

REACTIVITY: Stable under recommended transport or storage conditions.
CHEMICAL STABILITY: Stable under normal conditions.
HAZARDOUS REACTIONS: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
CONDITIONS TO AVOID: Heat. Low temperatures and frost.

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11. TOXICOLOGICAL INFORMATION

TOXICITY VALUES: Not applicable.
SKIN CONTACT: Unlikely to cause appreciable irritation even on repeated contact.
EYE CONTACT: There may be irritation and redness.
INGESTION: No symptoms.

12. ECOLOGICAL INFORMATION

ECOTOXICITY VALUES: Not applicable.
PERSISTENCE AND DEGRADABILITY: Biodegradable.
MOBILITY IN SOIL: Insoluble in water. Floats on water.
PBT IDENTIFICATION: This substance is not identified as a PBT substance.

13. DISPOSAL CONSIDERATIONS

DISPOSAL OF PACKAGING: Containers should be cleaned by appropriate methods and re-used and disposed of by landfill or incineration as appropriate. The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

UN NUMBER: Non-hazardous.
TRANSPORT CLASS: This product does not require a classification for transport.
ENVIRONMENTALLY HAZARDOUS: No.
MARINE POLLUTANT: No.
SPECIAL PRECAUTIONS FOR USER: No special precautions.

15. REGULATORY INFORMATION

CHEMICAL SAFETY ASSESSMENT: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

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16. OTHER INFORMATION

This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 453/2010.

LEGAL DISCLAIMER:

The information provided in this safety data sheet is correct to the best of our knowledge at the time of publication. It is given in good faith but no warranty is implied with respect to the quality and specification of the product. The customer must satisfy themselves that the product is entirely suitable for their own purposes.

Although certain hazards may be described we cannot predict that these are the only hazards, or combination of hazards, that may exist in a workplace. This MSDS, therefore, forms a component only of a risk assessment carried out by, or on behalf of, the user.