



# SAFETY DATA SHEET

## OLEIC ACID

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

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**PRODUCT NAME:** OLEIC ACID  
**PART No.:** RM174  
**SUPPLIER:** J M Loveridge plc  
Southbrook Road, Southampton  
Hampshire  
SO15 1BH  
Tel: 023 8022 2008  
Fax: 023 8022 2117

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS:

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**EEC (EINECS) No.** 204-007-1  
**CAS No.:** 112-80-1  
**COMPOSITION COMMENTS:** Chemical constituent is chiefly Octadec-9-enoic acid with small amounts of stearic and palmitic acid.

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### 3. HAZARDS IDENTIFICATION:

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Not regarded as a health or environmental hazard under current legislation.  
May cause eye irritation.

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### 4. FIRST AID MEASURES:

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**GENERAL:** IN ALL CASES OF DOUBT OR WHEN SYMPTOMS PERSIST, ALWAYS SEEK MEDICAL ATTENTION  
**SKIN:** Wash affected area with plenty of soap and water.  
**EYES:** Rinse immediately with plenty of water for at least 5 minutes while lifting the eye lids. Seek medical attention. Continue to rinse.

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### 5. FIRE FIGHTING MEASURES:

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**EXTINGUISHING MEDIA:** Foam, dry chemical or carbon dioxide.  
**HAZARDOUS COMBUSTION PRODUCTS:** Burning may release oxides of carbon and other hazardous gases or vapours.

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**PROTECTIVE MEASURES IN FIRE:** Fire fighters should wear self-contained breathing apparatus.

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## 6. ACCIDENTAL RELEASE MEASURES:

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**PERSONAL PRECAUTION IN SPILL:** Avoid contact with eyes. Spillage may constitute a slipping hazard.

**PRECAUTIONS TO PROTECT ENVIRONMENT:** Prevent contamination of soil, drains and surface water.

**SPILL CLEANUP METHODS:** 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.

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## 7. HANDLING AND STORAGE:

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**USAGE PRECAUTIONS:** The product should be used in accordance with good industrial safety practice and hygiene principles for handling and storing of chemicals.

**STORAGE PRECAUTIONS:** Store in a cool dry place.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

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**EYE PROTECTION:** Use eye protection if eye contact is likely.

**HYGIENIC WORK PRACTICES:** Apply good personal hygiene principles, such as washing of hands, arms and face.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES:

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**APPEARANCE:** Pale yellow to amber oily liquid.

**DENSITY/SPECIFIC GRAVITY (g/ml):** typical: 0.90                      **Temperature (°C):**

**SOLUBILITY DESCRIPTION:** Insoluble in water.

**FLASH POINT (°C):** 180°C                      **Method:**

**AUTO IGNITION TEMP. (°C):** 350°C

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## 10. STABILITY AND REACTIVITY:

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**STABILITY:** Stable under normal conditions of use.  
Liable to oxidation on storage and exposure to light.

**MATERIALS TO AVOID:** Oxidising agents.

**HAZARDOUS DECOMP. PRODUCTS:** Thermal decomposition or burning will release oxides of carbon.

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## 11. TOXICOLOGICAL INFORMATION:

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**HEALTH HAZARDS, GENERAL:** No specific health effects anticipated with this product.

**INHALATION:** Inhalation of vapour from heated material may cause irritation.

**EYES:** May cause irritation to eyes.

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## 12. ECOLOGICAL INFORMATION:

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**ECOLOGICAL INFORMATION:** No specific data or information available regarding environmental impact.

**DEGRADABILITY:** Readily biodegradable.

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## 13. DISPOSAL CONSIDERATIONS:

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**DISPOSAL METHODS:** Disposal should be in accordance with the principles of Duty of Care observing local and national regulations.

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## 14. TRANSPORT INFORMATION:

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**GENERAL:** Not classified as hazardous for transport.

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## 15. REGULATORY INFORMATION:

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**UK REGULATORY REFERENCES:** This product is not classed as dangerous substance under the classification, packaging and labelling of dangerous substances regulations.

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## 16. OTHER INFORMATION:

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**INFORMATION SOURCES:** This product has been classified in accordance with CHIP3 regulations.

**REVISION COMMENTS:** Edition 01; Revised item(s):

**ISSUED BY:** MK

**SDS No.:** 321

**DATE:** 12/07/02

**DISCLAIMER:** 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

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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.