SAFETY DATA SHEET
DIETHYL PHTHALATE

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

PRODUCT NAME: DIETHYL PHTHALATE
PART No.: RM092
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.: - - -
EEC (EINECS) No. 201-550-6
CAS No.: 84-66-2

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: Only when conscious rinse mouth out. Obtain medical attention if adverse symptoms occur.

SKIN: Wash affected area with plenty of soap and water.

EYES: Rinse immediately with copious amounts of water. If irritation or discomfort persists, seek medical attention.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA: Foam, dry chemical or carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES: Do not release contaminated water used for extinguishing into drains, soil or surface water.
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: 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.
STORAGE PRECAUTIONS: Store in a cool dry place.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME: DIETHYL PHthalATE
CAS No.: 84-66-2
STD: OES
LT EXP 8 Hrs: 5 mg/m3
ST EXP 15 Min: 10 mg/m3

VENTILATION: Work in a fume cupboard or use local exhaust ventilation. Use engineering controls to maintain airborne concentrations below OES.

PROTECTIVE GLOVES: Use impervious gloves made of butyl rubber or PVC.

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

HYGIENIC WORK PRACTICES: SKIN PROTECTION - apply barrier cream to hands and exposed skin.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: Clear colourless liquid.

DENSITY/SPECIFIC GRAVITY (g/ml): 1.116 - 1.120
TEMPERATURE (°C): @ 20°C
VAPOUR DENSITY (air=1): > 1

VAPOUR PRESSURE: 0.0044 m bar
TEMPERATURE (°C): 20

SOLUBILITY DESCRIPTION: Insoluble in water.

FLASH POINT (°C): 156°C

10. STABILITY AND REACTIVITY:
STABILITY: Stable under normal conditions of use.

CONDITIONS TO AVOID: Avoid excessive heat.

HAZARDOUS DECOMP. PRODUCTS: Thermal decomposition or burning may release oxides of carbon and other hazardous gases or vapours.

11. TOXICOLOGICAL INFORMATION:

TOXIC DOSE - LD 50: 9000 mg/kg (oral rat)

INHALATION: Harmful concentrations of vapour do not normally arise except under high temperature or high atomisation. High concentrations of mist may give rise to respiratory irritation.

INGESTION: May cause nausea, vomiting or diarrhoea. Ingestion of large amounts will have a laxative effect.

SKIN: Non irritant on incidental contact.

EYES: May cause transient eye irritation and discomfort.

12. ECOLOGICAL INFORMATION:

Ecotoxicological data

Acute toxicity. LC50 48 hours fish (Leuciscus idus) 61 mg/l

EC 50, 48 HRS, DAPHNIA, mg/l: 52 mg/l

ECOLOGICAL INFORMATION: AVOID RELEASE TO THE ENVIRONMENT - the preparation is likely to be harmful to aquatic environment.

13. DISPOSAL CONSIDERATIONS:

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

14. TRANSPORT INFORMATION:

GENERAL: Not classified as hazardous for transport.

15. REGULATORY INFORMATION:

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.: 173

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 JML's 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.