



# SAFETY DATA SHEET

## DIETHYL PHTHALATE

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

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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

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS:

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EU INDEX No.:	- - -
EEC (EINECS) No.	201-550-6
CAS No.:	84-66-2

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### 3. HAZARDS IDENTIFICATION:

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

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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
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.

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### 5. FIRE FIGHTING MEASURES:

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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.

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<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	Burning may release oxides of carbon and other hazardous gases or vapours.
<b>PROTECTIVE MEASURES IN FIRE:</b>	Fire fighters should wear self-contained breathing apparatus.

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## 6. ACCIDENTAL RELEASE MEASURES:

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<b>PERSONAL PRECAUTION IN SPILL:</b>	Spillage may constitute a slipping hazard.
<b>PRECAUTIONS TO PROTECT ENVIRONMENT:</b>	Prevent contamination of soil, drains and surface water.
<b>SPILL CLEANUP METHODS:</b>	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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<b>USAGE PRECAUTIONS:</b>	The product should be used in accordance with good industrial safety practice and hygiene principles for handling and storing of chemicals.
<b>STORAGE PRECAUTIONS:</b>	Store in a cool dry place.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

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<b>INGREDIENT NAME:</b>	<b>CAS No.:</b>	<b>STD</b>	<b>LT EXP 8 Hrs</b>	<b>ST EXP 15 Min</b>
DIETHYL PHTHALATE	84-66-2	OES	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>

<b>VENTILATION:</b>	Work in a fume cupboard or use local exhaust ventilation. Use engineering controls to maintain airborne concentrations below OES.
<b>PROTECTIVE GLOVES:</b>	Use impervious gloves made of butyl rubber or PVC.
<b>EYE PROTECTION:</b>	Use eye protection if eye contact is likely.
<b>HYGIENIC WORK PRACTICES:</b>	SKIN PROTECTION - apply barrier cream to hands and exposed skin.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES:

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<b>APPEARANCE:</b>	Clear colourless liquid.		
<b>DENSITY/SPECIFIC GRAVITY (g/ml):</b>	1.116 - 1.120	<b>Temperature (°C):</b>	@ 20°C
<b>VAPOUR DENSITY (air=1):</b>	> 1		
<b>VAPOUR PRESSURE:</b>	0.0044 mbar	<b>Temperature (°C):</b>	20
<b>SOLUBILITY DESCRIPTION:</b>	Insoluble in water.		
<b>FLASH POINT (°C):</b>	156°C	<b>Method:</b>	

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## 10. STABILITY AND REACTIVITY:

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<b>STABILITY:</b>	Stable under normal conditions of use.
<b>CONDITIONS TO AVOID:</b>	Avoid excessive heat.
<b>HAZARDOUS DECOMP. PRODUCTS:</b>	Thermal decomposition or burning may release oxides of carbon and other hazardous gases or vapours.

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## 11. TOXICOLOGICAL INFORMATION:

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<b>TOXIC DOSE - LD 50:</b>	9000 mg/kg (oral rat)
<b>INHALATION:</b>	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.
<b>INGESTION:</b>	May cause nausea, vomiting or diarrhoea. Ingestion of large amounts will have a laxative effect.
<b>SKIN:</b>	Non irritant on incidental contact.
<b>EYES:</b>	May cause transient eye irritation and discomfort.

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## 12. ECOLOGICAL INFORMATION:

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<b>Ecotoxicological data</b>	Acute toxicity. LC50 48 hours fish ( <i>Leuciscus idus</i> ) 61 mg/l
<b>EC 50, 48 HRS, DAPHNIA, mg/l:</b>	52 mg/l
<b>ECOLOGICAL INFORMATION:</b>	AVOID RELEASE TO THE ENVIRONMENT - the preparation is likely to be harmful to aquatic environment.

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## 13. DISPOSAL CONSIDERATIONS:

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<b>DISPOSAL METHODS:</b>	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:

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<b>GENERAL:</b>	Not classified as hazardous for transport.
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## 15. REGULATORY INFORMATION:

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<b>UK REGULATORY REFERENCES:</b>	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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<b>INFORMATION SOURCES:</b>	This product has been classified in accordance with CHIP3 regulations.
<b>REVISION COMMENTS:</b>	Edition 01; Revised item(s):
<b>ISSUED BY:</b>	MK
<b>SDS No.:</b>	173
<b>DATE:</b>	12/07/02
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