



# SAFETY DATA SHEET

## BENZOCAINE

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

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**PRODUCT NAME:** BENZOCAINE  
**PART No.:** RM033  
**SYNONYMS, TRADE NAMES:** ETHYL 4-AMINOBENZOATE  
**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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**CAS No.:** 94-09-7

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### 3. HAZARDS IDENTIFICATION:

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Harmful if swallowed. Irritating to eyes, respiratory system and skin.

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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

**INHALATION:** Move affected person to fresh air. If recovery not rapid, 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). Keep patient at rest and obtain medical attention.

**SKIN:** Remove contaminated clothing. Wash affected area with plenty of soap and water. If irritation persists, seek medical attention. Launder clothing before re-use.

**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:** Powder, foam or CO<sub>2</sub>.

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**HAZARDOUS COMBUSTION PRODUCTS:** Burning may release oxides of carbon and other hazardous gases or vapours.

**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 direct contact with skin, eyes and clothing. Wear appropriate protective clothing.

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

**SPILL CLEANUP METHODS:** Avoid dry sweeping or other methods which raise dust. Vacuum or wet-sweep and place into a suitable closable, labelled container for 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:** Minimise creation of air-borne dust by application of good occupational hygiene principles, appropriate control measures and extraction techniques. Avoid breathing dust. Avoid contact with skin or eyes.

**STORAGE PRECAUTIONS:** Store in a cool, dry, well ventilated place, in securely closed original container.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

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**INGREDIENT COMMENTS:** No specific OES assigned, however for dusts of any kind, ensure LTEL (8-hour TWA ref. period) level does not exceed 10 mg.m<sup>3</sup> for total inhalable dust or 4 mg.m<sup>3</sup> for respirable dust (or) as recommended in current edition of EH40.

**VENTILATION:** Provide sufficient ventilation for operations causing dust formation.

**RESPIRATORS:** If unable to control dust emissions below recommended limits, an approved respiratory protection (EN 149 FFP) must be used at all times providing at least P2S level of protection.

**PROTECTIVE GLOVES:** Use impervious gloves.

**EYE PROTECTION:** Use eye protection.

**OTHER PROTECTION:** Wear personal protective equipment appropriate to the quantity of material handled.

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

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## 9. PHYSICAL AND CHEMICAL PROPERTIES:

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**APPEARANCE:** White crystalline powder.

**MELT/FREEZ. POINT (°C, interval):** mp: 88-92

**SOLUBILITY DESCRIPTION:** Slightly soluble in water. Soluble in: Alcohol.

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## 10. STABILITY AND REACTIVITY:

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<b>STABILITY:</b>	Stable under normal conditions of use.
<b>MATERIALS TO AVOID:</b>	Acids, bases, oxidising and reducing agents.
<b>HAZARDOUS DECOMP. PRODUCTS:</b>	Thermal decomposition or burning may release oxides of carbon or other hazardous gases, acrid smoke and irritating fumes.

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## 11. TOXICOLOGICAL INFORMATION:

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<b>TOXICOLOGICAL INFORMATION:</b>	Absorption into body may lead to formation of methemoglobin which in sufficient concentration may cause cyanosis.
<b>INGESTION:</b>	Harmful if swallowed.
<b>SKIN:</b>	Repeated or prolonged contact may cause skin irritation and sensitisation.
<b>EYES:</b>	May cause transient eye irritation or damage.

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## 12. ECOLOGICAL INFORMATION:

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<b>ECOLOGICAL INFORMATION:</b>	No specific data or information available regarding environmental impact. Not listed as marine pollutant.
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## 13. DISPOSAL CONSIDERATIONS:

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<b>DISPOSAL METHODS:</b>	This material and/or its container must be disposed of as hazardous waste according to Special Waste Regulations 1996 or according to local regulations, in compliance with Duty of Care Regulations and Special Waste Regulations.
<b>WASTE CLASS:</b>	WASTE CODE: 0705** HAZARDOUS PROPERTY: H5

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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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**LABEL FOR SUPPLY:**

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**RISK PHRASES:** R-22 Harmful if swallowed.  
R-36/37/38 Irritating to eyes, respiratory system and skin.

**SAFETY PHRASES:** S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S-46 If swallowed seek medical advice immediately and show this container label.

**UK REGULATORY REFERENCES:** Chemicals (Hazard Information & Packaging) Regulations 1993. Classification, Packaging and Labelling Regulations 1984.

**COMMENTS:** Classified in accordance with suppliers data/information.

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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.:** 049

**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 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.