



SAFETY DATA SHEET

GUAIFENESIN

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

PRODUCT NAME:	GUAIFENESIN
CHEMICAL NAME 2:	Glyceryl guaiacolate; 3-(2-methoxy phenoxy) 1,2-propanediol
PART No.:	RM119
SUPPLIER:	J M Loveridge plc Southbrook Road, Southampton Hampshire SO15 1BH Tel: 023 8022 2008 Fax: 023 8022 2117

2. COMPOSITION/INFORMATION ON INGREDIENTS

EEC (EINECS) No.	202-222-5
CAS No.:	93-14-1

3. HAZARDS IDENTIFICATION

Harmful if swallowed.

4. FIRST AID MEASURES

GENERAL:	IN ALL CASES OF DOUBT OR WHEN SYMPTOMS PERSIST, ALWAYS SEEK MEDICAL ATTENTION
INHALATION:	Move affected person from exposure. If recovery not rapid or complete 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.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:	Water spray, fog or mist, carbon dioxide (CO ₂), alcohol resistant foam, dry chemicals, sand, dolomite etc.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Finely divided material can cause dust explosion.
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.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTION IN SPILL:	Avoid direct contact with skin, eyes and clothing.
PRECAUTIONS TO PROTECT ENVIRONMENT:	Prevent contamination of soil, drains and surface water.
SPILL CLEANUP METHODS:	Cover spillage with damp inert material, take-up or collect and place into a suitable closable labelled container for disposal. Wash the area clean with water and detergent, observing environmental requirements.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS:	HANDLING - Product should be used in accordance with good industrial principles for handling and storing of hazardous chemicals. Avoid creating or raising dust. Avoid contact with skin or eyes.
STORAGE PRECAUTIONS:	Store in a cool, dry, well ventilated place, in securely closed original container. Dust formation is potentially explosive. Store away from sources of heat or ignition.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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 ³ for total inhalable dust or 4 mg.m ³ for respirable dust (or) as recommended in current edition of EH40.
VENTILATION:	Provide adequate general and local exhaust ventilation.
RESPIRATORS:	If unable to control dust emissions below OES limits, an approved dust protection to P2 level of protection is recommended.
PROTECTIVE GLOVES:	Use protective 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. Regularly vacuum dust to minimise the potential of air-borne exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	White crystalline powder.
MELT/FREEZ. POINT (°C, interval):	mp. ~ 80°C

BULK DENSITY:	apparent density - 0.6 kg/dm ³		
pH-VALUE, DILUTED SOLUTION:	6	Concentration % M:	(aqueous solution - 2g/100ml)
SOLUBILITY DESCRIPTION:	Slightly soluble in water. Soluble in: Acetone. Ethanol. Chloroform.		
FLASH POINT (°C):	177	Method:	CC (Closed cup).
AUTO IGNITION TEMP. (°C):	550		

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

	Acute toxicity. LD50. Oral. Rat. 1510 mg/kg
INHALATION:	May cause transient irritation to the respiratory system.
INGESTION:	May cause severe systemic effects.
EYES:	Dust may cause mechanical irritation to eyes.

12. ECOLOGICAL INFORMATION

EC 50, 48 HRS, DAPHNIA, mg/l:	EC50 24h > 100mg/l (unpublished)
ECOLOGICAL INFORMATION:	No specific data or information available regarding environmental impact.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:	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.
WASTE CLASS:	WASTE CODE: 0705** HAZARDOUS PROPERTY: H6

14. TRANSPORT INFORMATION

GENERAL: Not classified as hazardous for transport.

15. REGULATORY INFORMATION

LABEL FOR SUPPLY:



RISK PHRASES: R-22 Harmful if swallowed.

SAFETY PHRASES: S-2 Keep out of the reach of children.
S-22 Do not breathe dust.
S-46 If swallowed, seek medical advice immediately and show this container or label.

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

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.: 223

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.