



# SAFETY DATA SHEET

## LIQUORICE LIQUID EXTRACT

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

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**PRODUCT NAME:** LIQUORICE LIQUID EXTRACT

**PART No.:** RM143

**APPLICATIONS:** Widely used in Food industry.

**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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NAME			CONTENT
<b>CAS No.:</b>	<b>EINECS Nr.:</b>	<b>CLASSIFICATION</b>	
ETHANOL			0-20 %
64-17-5	200-578-6	F R-11	

The Full Text for all R-Phrases are Displayed in Section 16

**COMPOSITION COMMENTS:** Preparation containing: extract from roots of Glycyrrhiza glabra.

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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

**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:** Wash affected area with plenty of soap and water. If irritation persists, seek medical attention.

**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:** Use extinguishing media suitable against surrounding fire or the cause of fire.

**HAZARDOUS COMBUSTION PRODUCTS:** Burning will produce oxides of carbon.

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

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## 6. ACCIDENTAL RELEASE MEASURES:

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**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, well ventilated place, in securely closed original container.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

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INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
ETHANOL	64-17-5	OES	1000 ppm	No std.

**VENTILATION:** Provide adequate general and local exhaust ventilation.

**PROTECTIVE GLOVES:** Use protective gloves.

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

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

**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:** Dark brown mobile liquid.

**ODOUR/TASTE:** Characteristic odour of liquorice and alcohol.

**DENSITY/SPECIFIC GRAVITY (g/ml):** ~ 1.125 - 1.140      **Temperature (°C):** 20

**SOLUBILITY DESCRIPTION:** Miscible with water.

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<b>FLASH POINT (°C):</b>	38 °C (product does not sustain combustion)	<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>MATERIALS TO AVOID:</b>	Oxidising agents, nitric acid, sulphuric acid.
<b>HAZARDOUS DECOMP. PRODUCTS:</b>	Thermal decomposition or burning will release oxides of carbon.

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## 11. TOXICOLOGICAL INFORMATION:

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<b>TOXIC DOSE - LD 50:</b>	Ethanol - 7060 mg/kg (oral rat)
<b>HEALTH HAZARDS, GENERAL:</b>	Intoxicating if inhaled or ingested.
<b>INHALATION:</b>	Ethanol may cause central nervous system depression or other systemic effects.
<b>EYES:</b>	May cause eye irritation.

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## 12. ECOLOGICAL INFORMATION:

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<b>ECOLOGICAL INFORMATION:</b>	No specific data or information available regarding environmental impact.
<b>DEGRADABILITY:</b>	Readily biodegradable.

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## 13. DISPOSAL CONSIDERATIONS:

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<b>DISPOSAL METHODS:</b>	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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<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>	Classification, Packaging and Labelling Regulations 1984, Chemicals (Hazard Information & Packaging) Regulations 1993.
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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>	269
<b>DATE:</b>	12/07/02
<b>DISCLAIMER:</b>	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.
<b>R-PHRASES (Full Text):</b>	R-11 Highly flammable.