



SAFETY DATA SHEET

CAPSICUM TINCTURE

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

PRODUCT NAME: CAPSICUM TINCTURE

PART No.: RM057

SUPPLIER: J M Loveridge plc
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2. COMPOSITION/INFORMATION ON INGREDIENTS:

NAME			CONTENT
CAS No.:	EINECS Nr.:	CLASSIFICATION	
CAPSAICIN			0-0.04
404-86-4		Xi R-36/38, 43	
ETHANOL			60-100 %
64-17-5	200-578-6	F R-11	

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

3. HAZARDS IDENTIFICATION:

Highly flammable.

May cause eye irritation. May cause skin irritation, especially after prolonged or repeated exposure.

4. FIRST AID MEASURES:

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.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA: Water spray, fog or mist, carbon dioxide (CO₂), alcohol resistant foam, dry chemicals, sand, dolomite etc.

SPECIAL FIRE FIGHTING PROCEDURES: Take measures to retain water used for extinguishing. Do not release contaminated water into drains, soil and surface water. Dispose of contaminated water and soil according to local regulations.

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: Wear appropriate protective clothing. Eliminate all sources of ignition.

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: **HANDLING** - Product should be used in accordance with good industrial principles for handling and storing of hazardous chemicals. Ensure good ventilation and local exhaust extraction in work place. Avoid vapour formation and ignition sources. Avoid vapour inhalation, skin and eye contact.

STORAGE PRECAUTIONS: Store in a cool, dry, well ventilated place, in securely closed original container. Store away from sources of heat or ignition.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

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

VENTILATION: Work in a fume cupboard or use local exhaust ventilation.

RESPIRATORS: For short periods of work, a suitable RPE fitted with a combination charcoal or organic vapour cartridge is recommended.

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

EYE PROTECTION: Use approved safety goggles or face shield.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	Yellow-brown mobile liquid.		
ODOUR/TASTE:	Characteristic ethanolic odour.		
BOILING POINT (°C, interval):	~ 78°C (ethanol)	Pressure:	
DENSITY/SPECIFIC GRAVITY (g/ml):	0.845 - 0.860	Temperature (°C):	
FLASH POINT (°C):	18	Method:	CC (Closed cup).
AUTO IGNITION TEMP. (°C):	> 365		
FLAMMABILITY LIMIT - LOWER(%):	3.5 (ethanol)		
FLAMMABILITY LIMIT - UPPER(%):	19 (ethanol)		

10. STABILITY AND REACTIVITY:

STABILITY:	Stable under normal conditions of use.
CONDITIONS TO AVOID:	Avoid heat, flames and other sources of ignition. Avoid temperature in excess of 25°C.
MATERIALS TO AVOID:	Nitric acid; sulphuric acid; oxidising agents.
HAZARDOUS DECOMP. PRODUCTS:	Thermal decomposition or burning may release oxides of carbon or other hazardous gases, acrid smoke and irritating fumes.

11. TOXICOLOGICAL INFORMATION:

TOXICOLOGICAL INFORMATION:	Low order of acute toxicity. Ethanol - LD50 6200 - 17800 mg/kg (oral-rat)
HEALTH HAZARDS, GENERAL:	Intoxicating if inhaled or ingested.
INHALATION:	May cause transient irritation to the respiratory system. Exposure to high vapour concentration may cause systemic effects similar to those of ingestion.
INGESTION:	May cause nausea, vomiting, dizziness and depression of CNS.
SKIN:	Repeated or prolonged contact may cause skin irritation and sensitisation.
EYES:	May cause transient eye irritation or damage.
OTHER HEALTH EFFECTS:	For ethanol component of the preparation, adverse effects on male reproductive system have been reported in laboratory animals on prolonged exposure.
ROUTE OF ENTRY:	Inhalation.
MEDICAL SYMPTOMS:	Ingestion may produce symptoms of intoxication.

12. ECOLOGICAL INFORMATION:

MOBILITY:	Ethanol component is expected to partition to air phase.
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BIO ACCUMULATION:	Not expected to bio-accumulate.
DEGRADABILITY:	Potentially biodegradable. For Ethanol component BOD5 = 37.74% of ThOD; BOD20 = 75-84% of ThOD.

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: H3-A

14. TRANSPORT INFORMATION:

UK ROAD PACK GR.:	II
ADR CLASS No.:	3
ADR ITEM No.:	3°(b)
HAZARD No. (ADR):	33 Highly flammable liquid (flash-point below 23°C).
ADR MARGINAL:	2301
HAZCHEM CODE:	2YE
PROPER SHIPPING NAME I:	TINCTURES, MEDICINAL
PROPER SHIPPING NAME II:	Technical name - (contains ethanol)
UN No. SEA:	UN 1293
IMDG CLASS:	3.2
IMDG PAGE No.:	3284
IMDG PACK GR.:	II
UN No., AIR:	UN-ID 1293
ICAO CLASS:	3
AIR PACK GR.:	II

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY:



RISK PHRASES:	R-11 Highly flammable.
SAFETY PHRASES:	S-16 Keep away from sources of ignition - No Smoking. S-28C After contact with skin, wash immediately with plenty of soap and water. S-37/39 Wear suitable gloves and eye/face protection.
UK REGULATORY REFERENCES:	Chemicals (Hazard Information & Packaging) Regulations 1993. Classification, Packaging and Labelling Regulations 1984.
COMMENTS:	Classified in accordance with suppliers data/information. Capsaicin may cause sensitisation in some people.

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.:	093
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.
R-PHRASES (Full Text):	R-36/38 Irritating to eyes and skin. R-43 May cause sensitisation by skin contact. R-11 Highly flammable.