



SAFETY DATA SHEET

MENTHYL LACTATE

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

PRODUCT NAME	MENTHYL LACTATE
PRODUCT NO.	ML
SUPPLIER	Lansdowne Chemicals Winstons house, Carterton, Oxfordshire OX18 3EZ +44 (0) 1993 843081 +44 (0) 1993 841261 Techincal department msds@lansdownearomatics.com
EMERGENCY TELEPHONE	EMERGENCY INFORMATION OUT OF OFFICE HOURS, PLEASE CONTACT CARECHEM 24: +44 (0)1270 502891 OR +44 (0)1865 407333

2 HAZARDS IDENTIFICATION

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

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
[1R-[1a(R*),2b,5a]]-5-METHYL-2-(1-METHYLETHYL)CYCLOHEXYL LACTATE	261-678-3	59259-38-0	60-100%	-
The Full Text for all R-Phrases are Displayed in Section 16				
EC No.	261-678-3			
CAS-No.	59259-38-0			

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION

Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

SPECIAL FIRE FIGHTING PROCEDURES

Water spray should be used to cool containers.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

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PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Sweep up and removed to an approved disposal container. For waste disposal, see section 13.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid contact with skin and eyes. Protect against direct sunlight.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT COMMENTS

No exposure limits noted for ingredient(s).

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but protection must be used when the general level exceeds 10 mg/m³.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Provide eyewash station and safety shower.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	SOLID		
COLOUR	White / off-white		
ODOUR	Minty, camphoraceous Slight menthol odour		
SOLUBILITY	Insoluble in water		
MOL. WEIGHT	228.33	MELTING POINT (°C)	40-42
RELATIVE DENSITY	0.9657 55	VOLATILE BY VOL. (%)	100
pH-VALUE, CONC.	5	DECOMPOSITION TEMPERATURE (°C)	165
SOLUTION			
FLASH POINT (°C)	104.4 deg C CC (Closed cup).		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid exposing to heat and contact with strong oxidising substances.

HAZARDOUS POLYMERISATION

Not noted.

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MATERIALS TO AVOID

Strong acids. Bases.

HAZARDOUS DECOMPOSITION PRODUCTS

Oxides of: Carbon. Nitrogen. During a fire, hazardous smoke maybe produced (Acrid fumes).

11 TOXICOLOGICAL INFORMATION**TOXICOLOGICAL INFORMATION**

To the best of our knowledge, the chemical/physical/toxicological properties have not been thoroughly investigated.

INHALATION

May be harmful if inhaled.

INGESTION

May be harmful if swallowed.

SKIN CONTACT

May cause skin irritation

EYE CONTACT

May cause eye irritation.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

No data on possible environmental effects have been found.

13 DISPOSAL CONSIDERATIONS**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

	No transport warning sign required.
ADR CLASS	Not classified for transportation.
CONTAINS	[1R-[1a(R*),2b,5a]]-5-METHYL-2-(1-METHYLETHYL)CYCLOHEXYL LACTATE
RISK PHRASES	NC Not classified.
SAFETY PHRASES	S24/25 Avoid contact with skin and eyes.

16 OTHER INFORMATION**INFORMATION SOURCES**

Material Safety Data Sheet, Misc. manufacturers.

REVISION DATE	06-09
REV. NO./REPL. SDS	000
GENERATED	
SDS NO.	11142
DATE	06-09

RISK PHRASES IN FULL

NC Not classified.

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DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.