

SAFETY DATA SHEET

L-CARVONE

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

PRODUCT NAME L-CARVONE

PRODUCT NO. LC

EMERGENCY INFORMATION OUT OF OFFICE HOURS, PLEASE CONTACT CARECHEM 24: +44 (0)1270 502891 OR +44 (0)1865 407333

SUPPLIER Lansdowne Chemicals
Winstons house,
Carterton,
Oxfordshire
OX18 3EZ
+44 (0) 1993 843081
+44 (0) 1993 841261
Techincal department
msds@lansdownearomatics.com

2 HAZARDS IDENTIFICATION

HAZARD ID Harmful if swallowed. May cause sensitisation by skin contact.

CLASSIFICATION Xn;R22. R43.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name L-CARVONE

EC No. 229-352-5

CAS-No. 6485-40-1

Content 60-100%

Classification Xn;R22. R43.

RISK PHRASES R22, R43

EC No. 229-352-5

CAS-No. 6485-40-1

4 FIRST-AID MEASURES

INHALATION Move the exposed person to fresh air at once. Consult a physician for specific advice.

INGESTION Immediately rinse mouth and provide fresh air. Get medical attention.

SKIN CONTACT Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT Immediately flush with plenty of water or eyewash solution for up to 10 minutes. Contact physician if irritation persists.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA Extinguish with foam, carbon dioxide or dry powder.

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

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 Cover with inert, non-combustible, inorganic absorbent material Sweep up and removed to an approved disposal container. Ventilate area and wash spill site after material pickup is complete. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. For waste disposal, see section 13.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS Observe good industrial hygiene practices.

STORAGE PRECAUTIONS Store in tightly closed original container in a dry, cool and well-ventilated place. Protect from light, including direct sunrays. Protect from air. Keep away from heat, sparks and open flame.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT COMMENTS No exposure limits noted for ingredient(s).

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES
RESPIRATORY EQUIPMENT

Provide adequate general and local exhaust ventilation.
No specific recommendation made, but protection must be used when the general level exceeds 10 mg/m³.

HAND PROTECTION

Use protective gloves.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Provide eyewash station and safety shower.

HYGIENE MEASURES

Wash promptly if skin becomes wet or contaminated.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Mobile Clear liquid

COLOUR Colourless Straw

ODOUR SPEARMINT-LIKE

BOILING POINT (°C) 229-231
 FLASH POINT (°C) 92 Not noted.

10 STABILITY AND REACTIVITY

STABILITY Stable under normal temperature conditions and recommended use.
 MATERIALS TO AVOID Strong acids. Strong oxidising substances. Strong alkalis.
 HAZARDOUS Carbon monoxide (CO). Unidentified
 DECOMPOSITION organic compounds may be formed during
 PRODUCTS combustion

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 >5000 mg/kg (oral rat)
 TOXIC DOSE 2 - LD 50 >5000 mg/kg (skn-rbt)
 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 Harmful if swallowed.
 SKIN CONTACT May cause skin irritation May cause sensitisation by skin contact.
 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

TRANSPORT LABELS

ADR CLASS Not classified for transportation.

15 REGULATORY INFORMATION



Harmful

RISK PHRASES

R22 Harmful if swallowed.
 R43 May cause sensitisation by skin contact.

SAFETY PHRASES

S24 Avoid contact with skin.
 S37 Wear suitable gloves.
 S60 This material and its container must be disposed of as hazardous waste.

16 OTHER INFORMATION

GENERAL INFORMATIONDISCLAIMER: This safety data sheet 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.

INFORMATION Material Safety Data Sheet, Misc.
 SOURCES manufacturers.

REVISION COMMENTS This is first issue.

REVISION DATE 05-09

REV. NO./REPL. SDS 000

GENERATED

SDS NO. 11170

DATE 05-09

RISK PHRASES IN FULL Harmful if swallowed.

May cause sensitisation by skin contact.