

## SAFETY DATA SHEET

## ANETHOLE 99.5%

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

PRODUCT NAME	ANETHOLE 99.5%
PRODUCT NO.	ANTH99
	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	May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
CLASSIFICATION	R43. N;R51/53.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	ANETHOLE
EC No.	224-052-0
CAS-No.	4180-23-8
Content	60-100%
Classification	N;R51/53. R43.
RISK PHRASES	R51/53, R43
EC No.	224-052-0
CAS-No.	4180-23-8

**4 FIRST-AID MEASURES**

INHALATION	Move the exposed person to fresh air at once. Seek medical advice if symptoms persist.
INGESTION	Get medical attention immediately! Immediately rinse mouth and provide fresh air.
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 for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Obtain medical attention and bring these instructions.

**5 FIRE-FIGHTING MEASURES**

EXTINGUISHING MEDIA	Extinguish with foam, carbon dioxide or dry powder. Do not use water jet as an extinguisher, as this will spread the fire.
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. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.

**7 HANDLING AND STORAGE**

USAGE PRECAUTIONS	Observe good industrial hygiene practices. Do not eat, drink or smoke when using the product.
STORAGE PRECAUTIONS	Store in tightly closed original container in a dry, cool and well-ventilated place. Protect from light, including direct sunrays. Keep away from heat, sparks and open flame.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

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

ENGINEERING MEASURES	Provide adequate general and local exhaust ventilation.
RESPIRATORY EQUIPMENT	Wear suitable respiratory protection.
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.
HYGIENE MEASURES	Wash promptly with soap & water if skin becomes contaminated.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Clear liquid at > 22 deg C
COLOUR	Colourless
ODOUR	Anise Sweet
BOILING POINT (°C)	234-237
MELTING POINT (°C)	21-22
FLASH POINT (°C)	110 Not noted.

**10 STABILITY AND REACTIVITY**

STABILITY	Stable under normal temperature conditions and recommended use.
MATERIALS TO AVOID	Strong alkalis. Strong acids. Strong oxidising substances.
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ). Unidentified organic compounds may be formed during combustion

**11 TOXICOLOGICAL INFORMATION**

TOXIC DOSE 1 - LD 50	2090 mg/kg (oral rat)
TOXIC DOSE 2 - LD 50	>5000 mg/kg (skn-rbt)
INHALATION	May be harmful if inhaled.
INGESTION	May be harmful if swallowed.
SKIN CONTACT	Harmful if absorbed through skin
EYE CONTACT	May cause eye irritation.

**12 ECOLOGICAL INFORMATION**

ECOTOXICITY	No data on possible environmental effects have been found.
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**13 DISPOSAL CONSIDERATIONS**

DISPOSAL METHODS	Dispose of waste and residues in accordance with local authority requirements.
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**14 TRANSPORT INFORMATION**

## TRANSPORT LABELS



UK ROAD CLASS	9
PROPER SHIPPING NAME	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S (ANETHOLE)
RAIL TRANSPORT NOTES	PLEASE NOTE THAT THIS PRODUCT IS A LIQUID AT >22 DEG C
UN NO. ROAD	3077
UK ROAD PACK GR.	III
ADR CLASS NO.	9
ADR CLASS	Class 9: Miscellaneous dangerous substances and articles.
ADR PACK GROUP	III
HAZARD NO. (ADR)	90 Environmentally hazardous substance; miscellaneous dangerous substances.
UN NO. SEA	3077

IMDG CLASS	9
IMDG PACK GR.	III
UN NO. AIR	3077
AIR CLASS	9
AIR PACK GR.	III

**15 REGULATORY INFORMATION**

Irritant

Dangerous  
for the  
environment

## RISK PHRASES

R43	May cause sensitisation by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## SAFETY PHRASES

S24	Avoid contact with skin.
S37	Wear suitable gloves.
S57	Use appropriate containment to avoid environmental contamination.
S60	This material and its container must be disposed of as hazardous waste.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

**16 OTHER INFORMATION**

GENERAL INFORMATION	DISCLAIMER: 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 SOURCES	Material Safety Data Sheet, Misc. manufacturers.
REVISION COMMENTS	This is first issue.

REVISION DATE	02-09
REV. NO./REPL. SDS GENERATED	000
SDS NO.	11115
DATE	02-09

RISK PHRASES IN FULL	May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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