

## SAFETY DATA SHEET

## LANSANTOL

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

PRODUCT NAME LANSANTOL

PRODUCT NO. LANS

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

Technical department

msds@lansdownearomatics.com

**2 HAZARDS IDENTIFICATION**

HAZARD ID Irritating to skin. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION Xi;R38. N;R50/53.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name 3,3-DIMETHYL-5(2,2,3-TRIMET

HYL3CYCLOPENTEN1YL)

EC No. -4PENTEN-2-OL

CAS-No. 107898-54-4

Content 60-100%

Classification Xi;R38. N;R50/53.

RISK PHRASES R38, R50/53

CAS-No. 107898-54-4

**4 FIRST-AID MEASURES**

INHALATION Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Get medical attention.

SKIN CONTACT Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention if any discomfort continues.

**5 FIRE-FIGHTING MEASURES**EXTINGUISHING MEDIA Foam. Carbon dioxide (CO<sub>2</sub>). Dry chemicals, sand, dolomite etc.

SPECIAL FIRE FIGHTING PROCEDURES Use supplied air respirator if product is involved in a fire. Use special protective clothing. Regular protection may not be safe. Do not use direct waterjet on burning material

UNUSUAL FIRE &amp; EXPLOSION HAZARDS Closed containers may build up pressure at elevated temperatures Cool containers with water spray

**6 ACCIDENTAL RELEASE MEASURES**

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

ENVIRONMENTAL PRECAUTIONS Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS Cover with inert, non-combustible, inorganic absorbent material Sweep up, place in a bag and hold for waste disposal. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.

**7 HANDLING AND STORAGE**

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.

STORAGE CLASS Chemical storage.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

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

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES RESPIRATORY EQUIPMENT HAND PROTECTION

Provide adequate general and local exhaust ventilation. Wear suitable respiratory protection. Avoid breathing directly on to the product Use protective gloves. Obtain the appropriate professional advice taking into account of the conditions under which the glove is used.

EYE PROTECTION	Wear approved chemical safety goggles where eye exposure is reasonably probable.
OTHER PROTECTION	Provide eyewash station and safety shower.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
COLOUR	Colourless
ODOUR	Woody. Sandalwood. Potent.
FLASH POINT (°C)	>100

### 10 STABILITY AND REACTIVITY

STABILITY	Stable under normal temperature conditions.
CONDITIONS TO AVOID	Avoid heat, flames and other sources of ignition.
HAZARDOUS POLYMERISATION MATERIALS TO AVOID	Strong acids. Alkali Oxidising agents.
HAZARDOUS DECOMPOSITION PRODUCTS	Toxic gases/vapours/fumes of: Carbon monoxide (CO).

### 11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50	>5000 mg/kg (oral rat)
TOXIC DOSE 2 - LD 50	>2000 mg/kg (skn-rbt)
INHALATION	May cause irritation to the respiratory system. May be harmful if inhaled.
INGESTION	May cause discomfort if swallowed.
SKIN CONTACT	Irritating to skin. May be harmful if absorbed through the 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	Do not allow runoff to sewer, waterway or ground. Dispose of waste and residues in accordance with local authority requirements.
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### 14 TRANSPORT INFORMATION

GENERAL	LQ NUMBER: 7 EXCEPTED QUANTITY: E1
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### TRANSPORT LABELS



UK ROAD CLASS	9
PROPER SHIPPING NAME	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LANSANTOL)

UN NO. ROAD	3082
UK ROAD PACK GR.	III
ADR CLASS NO.	9
ADR CLASS	Class 9: Other dangerous substances.
ADR PACK GROUP	III
TUNNEL RESTRICTION CODE	(E)
HAZARD NO. (ADR)	90 Environmentally hazardous substance; miscellaneous dangerous substances.
UN NO. SEA	3082
IMDG CLASS	9
IMDG PACK GR.	III
UN NO. AIR	3082
AIR CLASS	9
AIR PACK GR.	III

### 15 REGULATORY INFORMATION



Irritant



Dangerous for the environment

### RISK PHRASES

R38	Irritating to skin.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### SAFETY PHRASES

S24/25	Avoid contact with skin and eyes.
S37	Wear suitable gloves.
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	Ventos Material Data Sheet
REVISION COMMENTS	Revision due to amendment of contents in section: 1, 16.
REVISION DATE	04-09
REV. NO./REPL. SDS GENERATED	002
SDS NO.	10963
DATE	04-09

RISK PHRASES IN FULL    Irritating to skin.  
Very toxic to aquatic organisms, may  
cause long-term adverse effects in the  
aquatic environment.