



## SAFETY DATA SHEET

### LANYRAL

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

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

#### 2 HAZARDS IDENTIFICATION

May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**CLASSIFICATION** R43. R52/53.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
3-CYCLOHEXENE-1-CARBOXALDEHYDE,4-(4-HYDROXY-4-METHYL PENTYL)	250-863-4	31906-04-4	60-100%	R43,R52/53.
The Full Text for all R-Phrases are Displayed in Section 16				
<b>EC No.</b>	250-863-4			
<b>CAS-No.</b>	31906-04-4			

#### 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.

##### SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention immediately.

##### 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 immediately. Continue to rinse.

#### 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.

# LANYRAL

## 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. Avoid open flames and other sources of ignition.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Observe good industrial hygiene practices. Do not eat, drink or smoke when using the product. Keep away from heat, sparks and open flame.

### STORAGE PRECAUTIONS

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

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/m<sup>3</sup>.

### 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 contaminated clothing before reuse. Wash promptly with soap & water if skin becomes contaminated.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE</b>	Light viscous liquid
<b>COLOUR</b>	Colourless
<b>ODOUR</b>	Floral-like. Woody. muguet, aldehydic.
<b>FLASH POINT (°C)</b>	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 dioxide (CO<sub>2</sub>). Unidentified organic compounds may be formed during combustion

## LANYRAL

## 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**

Non irritating (HUMAN CPT, 48H 10%, NON DILUTED).

**INHALATION**

May be harmful if inhaled.

**INGESTION**

May be harmful if swallowed.

**SKIN CONTACT**

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

**ADR CLASS** No transport warning sign required.  
Not classified for transportation.

## 15 REGULATORY INFORMATION

**LABELLING**

Irritant

**CONTAINS**

3-CYCLOHEXENE-1-CARBOXALDEHYDE,4-(4-HYDROXY-4-METHYL PENTYL)

**RISK PHRASES**

R43 May cause sensitisation by skin contact.  
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**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 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.

# LANYRAL

## INFORMATION SOURCES

Material Safety Data Sheet, Misc. manufacturers. Ventos Material Data Sheet

## REVISION COMMENTS

Revision due to amendment of contents in section: 2, 3, 15, 16.

<b>REVISION DATE</b>	02-10
<b>REV. NO./REPL. SDS GENERATED</b>	001
<b>SDS NO.</b>	11145
<b>DATE</b>	02-10

## RISK PHRASES IN FULL

R43	May cause sensitisation by skin contact.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.