



## SAFETY DATA SHEET

### LANGEONAL

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

<b>PRODUCT NAME</b>	LANGEONAL
<b>PRODUCT NO.</b>	lang
<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

Harmful if swallowed. May cause sensitisation by skin contact. Possible risk of impaired fertility. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**CLASSIFICATION** Xn;R22. Repr. Cat. 3;R62. R43. N;R51/53.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
3-(4-T-BUTYLPHENYL) PROPANOL	242-016-2	18127-01-0	60-100%	Xn;R22. Repr. Cat. 3;R62. N;R51/53. R43.

The Full Text for all R-Phrases are Displayed in Section 16

<b>EC No.</b>	242-016-2
<b>CAS-No.</b>	18127-01-0

#### 4 FIRST-AID MEASURES

##### INHALATION

Move the exposed person to fresh air at once. Get medical attention.

##### INGESTION

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

##### SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. If irritation persists, seek medical attention.

##### 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. Do not use water jet.

##### 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.

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## 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

Absorb with sand or other inert absorbent. 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.

### 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

Protective gloves must be used if there is a risk of direct contact or splash.

### EYE PROTECTION

Wear approved safety goggles.

### OTHER PROTECTION

Provide eyewash station and safety shower.

### HYGIENE MEASURES

Wash hands after handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear liquid Mobile		
COLOUR	Colourless to pale yellow		
BOILING POINT (°C)	300	FLASH POINT (°C)	>100

## 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). Unidentified organic compounds may be formed during combustion

## 11 TOXICOLOGICAL INFORMATION

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## 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

Irritating to skin.

### 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



<b>PROPER SHIPPING NAME</b>	TOXIC LIQUID, ORGANIC, N.O.S (3-(4-T-BUTYLPHENYL)PROPANOL		
<b>UN NO. ROAD</b>	2810	<b>ADR CLASS NO.</b>	6.1
<b>ADR CLASS</b>	Class 6.1: Toxic substances. (E)	<b>ADR PACK GROUP</b>	III
<b>TUNNEL RESTRICTION CODE</b>		<b>HAZARD NO. (ADR)</b>	60 Toxic or slightly toxic substance.
<b>UN NO. SEA</b>	2810	<b>IMDG CLASS</b>	6.1
<b>IMDG PACK GR.</b>	III	<b>UN NO. AIR</b>	2810
<b>AIR CLASS</b>	III	<b>AIR PACK GR.</b>	6.1

## 15 REGULATORY INFORMATION

### LABELLING



Harmful



Dangerous for the environment

### CONTAINS

3-(4-T-BUTYLPHENYL) PROPANOL

### RISK PHRASES

R22	Harmful if swallowed.
R43	May cause sensitisation by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R62	Possible risk of impaired fertility.

### SAFETY PHRASES

S36/37	Wear suitable protective clothing and gloves.
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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

Revision due to amendment of contents in section: 1, 2, 3, 14, 15, 16.

REVISION DATE	02-10
REV. NO./REPL. SDS GENERATED	002
SDS NO.	11131
DATE	02-10

### RISK PHRASES IN FULL

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