



## SAFETY DATA SHEET

### ISOBORNYLCYCLOHEXANOL

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

<b>PRODUCT NAME</b>	ISOBORNYLCYCLOHEXANOL
<b>PRODUCT NO.</b>	IBCH
<b>SUPPLIER</b>	Lansdowne Chemicals Winstons house, Carterton, Oxfordshire OX18 3EZ +44 (0) 1993 843081 +44 (0) 1993 841261 Techincal department regulatory.affairs@lansdowneche micals.com
<b>EMERGENCY TELEPHONE</b>	OUT OF OFFICE HOURS, PLEASE CONTACT CARECHEM 24: +44 (0)1270 502891

#### 2 HAZARDS IDENTIFICATION

Irritating to skin.

**CLASSIFICATION** Xi;R38.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
3-(5,5,6-TRIMETHYLBICYCLO (2.2.1) HEPT-2-YL) CYCLOHEXAN-1-OL	222-294-1	3407-42-9	60-100%	Xi;R38.
The Full Text for all R-Phrases are Displayed in Section 16				
<b>EC No.</b>	222-294-1			
<b>GROSS FORMULA</b>	C16H28O			
<b>CAS-No.</b>	3407-42-9			

#### 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 if any discomfort continues.

##### SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

##### EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

#### 5 FIRE-FIGHTING MEASURES

##### EXTINGUISHING MEDIA

Water. Foam, carbon dioxide or dry powder.

##### SPECIAL FIRE FIGHTING PROCEDURES

Use supplied air respirator if product is involved in a fire.

##### SPECIFIC HAZARDS

Toxic gases/vapours/fumes of Oxides of: Carbon.

# ISOBORNYLCYCLOHEXANOL

## PROTECTIVE MEASURES IN FIRE

Use air-supplied respirator during fire fighting.

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

For personal protection, see section 8.

### ENVIRONMENTAL PRECAUTIONS

Avoid release to the environment.

### SPILL CLEAN UP METHODS

Avoid generation and spreading of dust. Shovel into dry containers. Cover and move the containers. Flush the area with water.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

### STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Protect from light, including direct sunrays.

## 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 respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

### HAND PROTECTION

Use protective gloves. Obtain the appropriate professional advice taking into account of the conditions under which the glove is used.

### EYE PROTECTION

Wear approved safety goggles.

### HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE</b>	Liquid Viscous		
<b>COLOUR</b>	Colourless		
<b>ODOUR</b>	Woody. Sandalwood.		
<b>BOILING POINT (°C)</b>	145-160 (2-3 mm Hg)	<b>FLASH POINT (°C)</b>	155 CC (Closed cup).

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions.

### CONDITIONS TO AVOID

Avoid heat.

### MATERIALS TO AVOID

Strong oxidising substances.

## ISOBORNYLCYCLOHEXANOL

## HAZARDOUS DECOMPOSITION PRODUCTS

Toxic gases/vapours/fumes of: Oxides of: Carbon.

## 11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 &gt;5000 mg/kg (oral rat)

## INHALATION

May cause irritation to the respiratory system.

## INGESTION

May cause severe internal injury.

## SKIN CONTACT

Irritating to skin. May be absorbed through the skin.

## EYE CONTACT

Irritating to eyes. May cause temporary eye irritation.

## MEDICAL SYMPTOMS

Drowsiness, dizziness, disorientation, vertigo.

## 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

UN NO. ROAD	N/A	ADR CLASS	Not classified for transportation.
-------------	-----	-----------	------------------------------------

## 15 REGULATORY INFORMATION

## LABELLING



Irritant

## CONTAINS

3-(5,5,6-TRIMETHYLBICYCLO (2.2.1) HEPT-2-YL) CYCLOHEXAN-1-OL

## RISK PHRASES

R38 Irritating to skin.

## 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.

## REVISION COMMENTS

Revision due to amendment of contents in section: 1, 9, 11, 16, 15,

## REVISION DATE

06-09

# ISOBORNYLCYCLOHEXANOL

REV. NO./REPL. SDS 002

GENERATED

SDS NO. 10727

DATE 05/05

RISK PHRASES IN FULL

R38 Irritating to skin.