



## SAFETY DATA SHEET

### KEPHALAN

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

<b>PRODUCT NAME</b>	KEPHALAN
<b>PRODUCT NO.</b>	KEP
<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

Not regarded as a health or environmental hazard under current legislation.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
4-(1-ETHOXYVINYL) -3,3,5,5-TETRAMETHYLCYCLOHEXANONE	252-961-2	36306-87-3	60-100%	-
The Full Text for all R-Phrases are Displayed in Section 16				
<b>EC No.</b>	252-961-2			
<b>CAS-No.</b>	36306-87-3			

#### 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 (CO2). 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 & EXPLOSION HAZARDS

Closed containers may build up pressure at elevated temperatures Cool containers with water spray

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## 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

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

### USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Eliminate all sources of ignition.

### 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

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

### RESPIRATORY EQUIPMENT

Avoid breathing directly on to the product No specific recommendation made, but protection must be used when the general level exceeds 10 mg/m<sup>3</sup>.

### 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.

### OTHER PROTECTION

Provide eyewash station and safety shower.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Light (or pale) Yellow		
ODOUR	Floral-like. Ambre.		
SOLUBILITY	Insoluble in water Soluble in Ethanol.		
RELATIVE DENSITY	0.942-0.952 20	FLASH POINT (°C)	127

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions.

### CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

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## HAZARDOUS POLYMERISATION

Will not polymerise.

## 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)

#### INHALATION

May cause irritation to the respiratory system. May be harmful if inhaled.

#### INGESTION

May cause discomfort if swallowed.

#### SKIN CONTACT

May cause skin irritation 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.

### 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.

### 14 TRANSPORT INFORMATION

**ADR CLASS** No transport warning sign required.

Not classified for transportation.

### 15 REGULATORY INFORMATION

**CONTAINS** 4-(1-ETHOXYVINYL)-3,3,5,5-TETRAMETHYLCYCLOHEXANONE

#### RISK PHRASES

NC Not classified.

#### SAFETY PHRASES

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

### 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, 5, 6, 9, 16.

**REVISION DATE** 12-09

# KEPHALAN

REV. NO./REPL. SDS GENERATED	002
SDS NO.	10962
DATE	12-09
RISK PHRASES IN FULL	
NC	Not classified.