

# THE AROMAVERSE-FZCO

\*\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*\*

**AMBROX DL**

## Section 1 - Chemical Product and Company Identification

MSDS Name **AMBROX DL**

Synonyms Dodecahydrotetramethylnaphthofuran

Company  
Identification

THE AROMAVERSE-FZCO  
A6-3648479202, Premises No. A6-003-B ,  
IFZA Business Park, DDP. DUBAI, UNITED ARAB  
EMIRATES.  
Email: info@aromaverse.net

## Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	%	EINECS#	
3738-00-9	Ambrox DL	99%Min	-	

### 2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation ST/SG/AC.10/30/Rev.6 [UN/GHS]

Environmental Hazard (acute) - Cat. 2 H401

Environmental Hazard (chronic) - Cat. 2 H411

### 2.1.2 Additional information

Full text of listed statements : See section 16

### 2.2 Label elements

**Hazard pictograms:**



**Signal Word:**

-

**Hazard Statements:**

H411

Toxic to aquatic life with long lasting effects.

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## Precautionary Statements:

P273 Avoid release to the environment.  
P391 Collect spillage.

### 2.3 Other hazards

No data available at this time.

## Section 3 - Hazards Identification

### EMERGENCY OVERVIEW POTENTIAL HEALTH EFFECTS

**Eye :** May be irritating to eyes

**Skin** May be irritating to skin

**Inhalation** May cause respiratory problems

**Chronic** No effects of chronic exposure to product

## Section 4 - First aid Measures

**Eyes** Flush immediately with water.

**Skin** Remove contaminated clothing. Wash affected area thoroughly.

**Ingestion** Give water to dilute and obtain medical advice.

**Inhalation** Obtain fresh air or administer oxygen if needed.

## Section 5 - Fire Fighting Measures

**General Information** No flammable limits are known generally 200Deg F tag closed cup.

**Extinguishing Media** Use water spray, dry chemical powder or appropriate foam.



## Section 6 - Accidental Release Measures

**General Information** Use personal protective equipment.

**Spills/Leaks** Prevent product from entering drains. Sweep up and shovel into suitable containers for disposal.

## Section 7 - Handling and Storage

**Handling** Use only in area provided with appropriate exhaust and ventilation.

**Storage** ROOM TEMPERATURE

## Section 8 - Exposure Controls, Personal Protection

**Engineering Controls** Ensure adequate ventilation.

### PERSONAL PROTECTIVE EQUIPMENT

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- Eyes** Safety glasses with side-shields.
- Skin** Usual safety precautions while handling the product will provide adequate protection. Pvc or other plastic material gloves
- Clothing** Wear personal protective clothing.
- Respirators** Breathing apparatus only if aerosol or dust is formed.



## Section 9 - Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

Appearance :	SOLID
Colour :	COLOURLESS TO VERY PALE YELLOW
Odour :	Characteristic strong odour according to the commercial description of the substance.
pH :	Not applicable
Melting point/range (°C) :	= 65 °C
Initial boiling point/range (°C) :	= 318 °C at 1013.25hPa
Flash point (closed cup) :	> 100°C
Evaporation rate :	Not available
Flammability (solid/gas) :	Not applicable
Explosive properties (St class) :	N/A
Vapour pressure (Pa) :	VP = 0.236 Pa at 25°C (OECD 104)
Vapour density :	Not available
Relative density (d 20/20) :	= 1.04 at 20.6°C (OECD 109)
Water solubility (20°C) :	= 1.87 mg/l at 20°C (OECD 105)
Partition coef. (n-octanol/water) :	Data on analogue - Log Kow = 5.09 (OECD 123)
Auto-ignition temperature (°C) :	Not available
Decomposition temperature :	Not available
Viscosity :	Not available
Oxidizing properties :	Not available

### 9.2 Other safety information

#### 9.2.1 Explosive properties (Measured)

No data available at this time.

## Section 10 - Stability and Reactivity

- Chemical Stability** . Stable under recommended storage conditions.
- Conditions to Avoid** Exposure to air or moisture over prolonged periods.
- Incompatibilities with Other Materials** Strong oxidising agents

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<b>Hazardous Decomposition Products</b>	Thermal decomposition can lead to release of irritating gases and vapours such as carbon oxides.
<b>Hazardous Polymerization</b>	None under normal processing.

## Section 11 - Toxicological Information

### 11.1 Information on toxicological effects

(a) acute toxicity

Acute oral toxicity (Rat, OECD 420, Gavage): LD50 > 2000 mg/kg

(b) skin corrosion/irritation

Primary Skin irritation (Rabbit, OECD 404, Semi-occlusive): Non irritant

(c) serious eye damage/irritation

Acute Eye irritation (Rabbit, OECD 405): Non irritant

(d) respiratory or skin sensitisation

Buehler test (OECD 406) (Guinea pig): Non-sensitising to skin

(e) germ cell mutagenicity

Bacterial Reverse Mutation test (Ames) (Salmonella, OECD 471, With and without S9, 7 strains): Non mutagenic



(a) carcinogenicity

No data available

(b) reproductive toxicity

No data available

(c) STOT-single exposure

No data available

(d) STOT-repeated exposure

No data available

aspiration hazard No data available

## Section 12 - Ecological Information

**Other** . May cause long-term adverse effects in the aquatic environment.

## Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

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## Section 14 - Transport Information

	IATA	IMO	DOT
Shipping Name:	Not regulated	Not regulated	Not regulated
Hazard Class:			
UN Number:			
Packing Group:			

## Section 15 - Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives 92/32/EC

Hazard Symbols: N Dangerous for the environment

Risk Phrases: R51/53 Dangerous to aquatic environment.

Safety Phrases: S61. Avoid release to the environment.

United Kingdom Occupational Exposure Limits Not Known.

Canada Not Known.

Exposure Limits Not Known.

US FEDERAL Not Known.

TSCA Not Known



## Section 16 - Additional Information

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages. -----*

