

# THE AROMAVERSE-FZCO

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

## Ethyllinalool

### Section 1 - Chemical Product and Company Identification

**MSDS Name :** Ethyllinalool

**Synonyms :** 3,7-Dimethylnona-1,6-dien-3-ol

**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#
10339-55-6	Ethyllinalool	99%Min	-

Flam. Liq	. 4	Flammable liquids
Skin Corr./Irrit	. 2	Skin corrosion/irritation
Eye Dam./Irrit.	2A	Serious eye damage/eye irritation
Skin Sens.	1	Skin sensitization
Aquatic Acute	3	Hazardous to the aquatic environment – acute

Label elements

Pictogram:



Signal Word:

Warning

Hazard Statement:

H227 Combustible liquid.

H319 Causes serious eye irritation.



H315 Causes skin irritation.

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H317 May cause an allergic skin reaction.  
H402 Harmful to aquatic life.

## Precautionary Statements (Prevention):

P280 Wear protective gloves and eye protection or face protection.  
P261 Avoid breathing mist or vapour or spray.  
P280 Wear eye protection.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P273 Avoid release to the environment.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P264 Wash contaminated body parts thoroughly after handling.

## Precautionary Statements (Response):

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P333 + P313 If skin irritation or rash occurs: Get medical attention.

P332 + P313 If skin irritation occurs: Get medical attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P337 + P313 If eye irritation persists: Get medical attention.

P370 + P378 In case of fire: Use alcohol-resistant foam, carbon dioxide, dry powder or water spray for extinction. Precautionary Statements (Storage):

P403 Store in a well-ventilated place. Precautionary Statements (Disposal):

P501 Dispose of contents/container in accordance with local regulations.

Hazards not otherwise classified

No data available

## Section 3 - Hazards Identification

### EMERGENCY OVERVIEW

### POTENTIAL HEALTH EFFECTS

#### Eye

May cause irritation in the eyes

#### Skin

May cause irritation on the skin

#### Ingestion

Not Available



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**Inhalation** Not Available

**Chronic** Not Known

## Section 4 - First aid Measures

**Eyes** Rinse immediately with plenty of water for 10 minutes at least.  
**Skin** Wash thoroughly with soap and water; flush with plenty of water.  
**Ingestion** Wash the mouth with water; seek medical advice immediately.  
**Inhalation** Move from exposure site to fresh air and keep at rest.  
**Notes to Physician** Treat symptomatically.

## Section 5 - Fire Fighting Measures

**General Information** Closed containers may build up pressure at elevated temperatures. If possible, containers should be cooled with a water spray.  
**Extinguishing Media** CO2, foam, dry chemicals.

## Section 6 - Accidental Release Measures

**General Information** Prevent any contact with hot surfaces. Do not approach facing the wind.  
**Spills/Leaks** Contain spilled material. Cover with an inert, non-combustible, inorganic absorbent material.

## Section 7 - Handling and Storage

**Handling** Apply according to good manufacturing and industrial hygiene practices with proper ventilation.  
**Storage** Store in cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container.

## Section 8 - Exposure Controls, Personal Protection

**Engineering Controls** Ensure good ventilation of the work station.

### PERSONAL PROTECTIVE EQUIPMENT

**Eyes** Use safety glasses.  
**Skin** Avoid skin contact. Use chemical resistant gloves as needed.  
**Respirators** Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions



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## Section 9 - Physical and Chemical Properties

Form:	liquid W
Odour:	flowery
Odour threshold:	< 100 ppm
Colour:	colourless to slightly yellow clear
pH value:	6.1 ( 0.656 g/l, 20 °C) (OECD Guideline 105)
Melting point:	< -73 °C ( 1,013 hPa)
Freezing point:	No data available.
Boiling point:	215.29 °C ( 1,013.25 hPa) Extrapolated value (measured)
Sublimation point :	No applicable information available.
Flash point:	87 °C (ISO 13736, closed cup)
Flammability:	Combustible liquid. (derived from flash point)
Lower explosion limit:	For liquids not relevant for classification and labelling. The lower explosion point may be 5 - 15 °C below the flash point.
Upper explosion limit:	For liquids not relevant for classification and labelling.
Autoignition:	260 °C (DIN 51794)
Vapour pressure:	18 Pa ( 25 °C) (OECD Guideline 104)
Density:	0.8621 g/cm <sup>3</sup> ( 20 °C, 1,013 hPa) (OECD Guideline 109)
Relative density:	0.8621 ( 20 °C) (OECD Guideline 109)
Vapour density:	> 1 ( 20 °C) Heavier than air. (calculated)



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Partitioning coefficient noctanol/water (log Pow): 3.3 ( 20 °C) (OECD Guideline 107)

Self-ignition temperature: Based on its structural properties the product is not classified as selfigniting.

Thermal decomposition: approx. 265 °C (DSC (DIN 51007))

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Viscosity, dynamic: 7.28 mPa.s ( 20 °C) (OECD 114)

Viscosity, kinematic: No applicable information available.

Particle size: The substance / product is marketed or used in a non solid or granular form.

Solubility in water: 656 mg/l ( 20 °C)

Solubility (quantitative): No applicable information available.

Solubility (qualitative): soluble solvent(s): organic solvents

Molar mass: not applicable

Evaporation rate: Value can be approximated from Henry's Law Constant or vapor pressure.

## Section 10 – Stability and Reactivity

### Chemical Stability

Stable under normal temp and pressure.

### Conditions to Avoid

Avoid contact with strong acids, alkali or oxidizing agents.

**Incompatibilities with Other Materials** strong acids, alkali or oxidizing agents.

**Hazardous Decomposition Products** Carbon Monoxide and carbon Dioxide

**Hazardous Polymerization** Not Known.



## Section 11 – Toxicological Information

### Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

### Acute Toxicity/Effects

#### Acute toxicity

Assessment of acute toxicity: Of low toxicity after single ingestion. Virtually nontoxic after a single skin contact.

#### Oral

Type of value: LD50

Species: rat

Value: approx. 5,000 mg/kg (other)

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## Inhalation

No data available.

Dermal Type of value:

LD50

Species: rabbit

Value: > 5,000 mg/kg (other)

## Assessment other acute effects

Assessment of STOT single:

Based on available data, the classification criteria are not met.

## Irritation / corrosion

Assessment of irritating effects: Eye contact causes irritation. Skin contact causes irritation.

Skin

Species: In vitro assay

Result: Irritant.

Method: OECD Guideline 43

Species: rabbit

Result: Irritant.

Method: other

## Eye

Species: rabbit

Result: Slightly irritating.

Method: other

## Sensitization

Assessment of sensitization:

Caused skin sensitization in animal studies. A controlled medical study in humans did not reveal a skin sensitizing effect.

## Human Maximization Test Species:

human Result: Non-sensitizing. Method: other Mouse Local Lymph Node Assay (LLNA)

Species: mouse

Result: sensitizing

Method: OECD Guideline 429

## Aspiration Hazard

No data available.



## Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity: Effects on the kidney of male rats were detected after repeated exposure. These effects are specific for the male rat and

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are known to be of no relevance to humans. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

## Genetic toxicity

Assessment of mutagenicity: The substance was not mutagenic in bacteria. The substance was not mutagenic in mammalian cell culture. The substance was not mutagenic in a test with mammals. The product has not been fully tested. The statements have been derived in parts from products of a similar structure or composition.

## Carcinogenicity

Assessment of carcinogenicity: No data available concerning carcinogenic effects.

## Reproductive toxicity

Assessment of reproduction toxicity: The results of animal studies gave no indication of a fertility impairing effect. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

## Teratogenicity

Assessment of teratogenicity: Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition



## Section 12 - Ecological Information

Other .None Available.

## Section 13 - Disposal Considerations

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

## Section 14 - Transport Information

	IATA	IMO	RID/ADR
<b>Shipping Name:</b>	Not Regulated	Not Regulated	Not Regulated
<b>Hazard Class:</b>		Regulated	
<b>UN Number:</b>			

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## Section 15 - Regulatory Information

European/International Regulations:

European Labeling in Accordance with EC Directives



Hazard Symbols:

Risk Phrases: R20/21/22

R36/37/38

Safety Phrases: Not Available.

United Kingdom Occupational Exposure Limits: Not Known.

Canada : Product is on the DSL list.

Exposure Limits

US FEDERAL

TSCA : Product is listed on the TSCA list.

## 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. -----*