

# THE AROMAVERSE-FZCO

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

## Linalyl Acetate

### Section 1 - Chemical Product and Company Identification

**MSDS Name :** Linalyl Acetate

**Synonyms :** Linalyl Acetate

**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#	
115-95-7	Linalyl Acetate	99%Min	-	

Hazard Symbols: None Available

Risk Phrases: None Known.

### Section 3 - Hazards Identification

#### EMERGENCY OVERVIEW

#### POTENTIAL HEALTH EFFECTS

According to Hazardous Products Regulations (HPR) (SOR/2015-17)

Classification of the product

Flam. Liq. 4 Flammable liquids

Skin Corr./Irrit. 2 Skin corrosion/irritation

Eye Dam./Irrit. 2B Serious eye damage/eye irritation

Skin Sens. 1 Skin sensitization

Aquatic Acute 3 Hazardous to the aquatic environment - acute

Label elements

# THE AROMAVERSE-FZCO



Pictogram:

Signal Word:

Warning

Hazard Statement:

H227 Combustible liquid.

H320 Causes eye irritation.

H315 Causes skin irritation.

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.

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 extinguishing powder, foam or CO2 for extinction.



Precautionary Statements (Storage):

P403 Store in a well-ventilated place.

Precautionary Statements (Disposal):

# THE AROMAVERSE-FZCO

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

Hazards not otherwise classified

No data available

## Section 4 - First aid Measures

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

## Section 5 - Fire Fighting Measures

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

## Section 6 - Accidental Release Measures

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

## Section 7 - Handling and Storage

<b>Handling</b>	Apply according to good manufacturing and industrial hygiene practices with proper ventilation.
<b>Storage</b>	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

<b>Engineering Controls</b>	Ensure good ventilation of the work station.
-----------------------------	--

### PERSONAL PROTECTIVE EQUIPMENT

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



## Section 9 - Physical and Chemical Properties

# THE AROMAVERSE-FZCO

Form: liquid

Odour: sweetish

Odour threshold: < 100 ppm

Colour: colourless

pH value: 5

(approx. 23 °C)

Melting point: -100 °C (OECD Guideline 102)

glass transition

temperature:

-112 °C (OECD Guideline 102)

Freezing point: No data available.

Boiling point: 220 °C

( 1,013.25 hPa)

Literature data.

Flash point: 85 °C

Literature data.

(closed cup)

Flammability: Combustible Liquid (derived from flash point)

Lower explosion limit: 0.9 %(V)

( 117.5 °C)

Upper explosion limit: 4 %(V)

( 117.5 °C)

Autoignition: 270 °C (Directive 84/449/EEC, A.15)

Vapour pressure: 1 mbar

( 20 °C)

2 mbar

( 50 °C)

Density: 0.9018 g/cm<sup>3</sup>

# THE AROMAVERSE-FZCO

( 20 °C)



Literature data.

Relative density: 0.9018

( 20 °C)

Literature data.

Vapour density: > 1

( 20 °C)

Heavier than air.

(calculated)

Partitioning coefficient noctanol/water (log Pow):

3.9

( 25 °C)

(OECD Guideline

107)

Self-ignition

temperature:

Based on its structural properties the product is not classified as selfigniting.

Thermal decomposition: 220 °C (DSC (DIN 51007))

Viscosity, dynamic: 2.50 mPa.s

( 20 °C)

The value was determined by calculation from the detected kinematic viscosity.

(OECD 114)

Viscosity, kinematic: 2.77 mm<sup>2</sup>/s

( 20 °C)

(OECD 114)

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

Solubility in water: 40 mg/l

# THE AROMAVERSE-FZCO

( 20 °C)

slow decomposition

Solubility (qualitative): soluble

solvent(s): organic solvents,

Molar mass: 196.29 g/mol

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: Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact.

Oral

Type of value: LD50

Species: rat

Value: > 9,000 mg/kg (BASF-Test)

No mortality was observed.

Inhalation

No data available.

Dermal

Type of value: LD50

Species: rabbit

# THE AROMAVERSE-FZCO

Value: > 5,000 mg/kg

Assessment other acute effects

Assessment of STOT single:

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

Irritation / corrosion

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

Skin

Species: rabbit

Result: Irritant.

Method: OECD Guideline 404

Eye

Species: rabbit

Result: Slightly irritating.

Method: OECD Guideline 405

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Sensitization

Assessment of sensitization: Caused skin sensitization in animal studies.

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 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: Results from a number of mutagenicity studies with microorganisms, mammalian cell culture and mammals are available. Taking into account all of the information, there

is no indication that the substance is mutagenic. 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 reliable data was available concerning carcinogenic activity.

# THE AROMAVERSE-FZCO



Study does not need to be conducted.

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>			
<b>UN Number:</b>			

## Section 15 - Regulatory Information

European/International Regulations:

European Labeling in Accordance with EC Directives



# THE AROMAVERSE-FZCO



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. -----*