

THE AROMAVERSE-FZCO

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

METHYL EUGENOL

Section 1 - Chemical Product and Company Identification

MSDS Name : METHYL EUGENOL

Synonyms : -

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#	
93-15-2	METHYL EUGENOL	99%Min	202-223-0	

2.1 Classification of the substance

- Acute Toxicity Oral – Cat. 4 – H302
- Germ Cell Mutagenicity – Cat. 2 – H341
- Carcinogenicity – Cat. 2 – H351
- Hazardous to the Aquatic Environment, short term (Acute) – Cat. 2 – H401.

THE AROMAVERSE-FZCO

2.2 Label elements:

Hazard pictogram(s):



Signal word(s): Warning

Hazard statements:

H302 Harmful if swallowed (810)

H341 Suspected of causing genetic defects

H351 Suspected of causing cancer

H401 Toxic to aquatic life

Precautionary statements:

- P201 Obtain special instructions before use
- P202 Do not handle until all safety precautions have been read and understood
- P264 Wash (hands/face) thoroughly after handling
- P270 Do not eat, drink or smoke when using this product
- P273 Avoid release to the environment

- P281 Use personal protective equipment as required
- P301/312 If swallowed: call a poison center or doctor/physician if you feel unwell
- P308/313 IF exposed or concerned: Get medical advice/attention
- P330 Rinse mouth
- P405 Store locked up
- P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

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
Inhalation	Not Available
Chronic	Not Known



Section 4 - First aid Measures

THE AROMAVERSE-FZCO

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



THE AROMAVERSE-FZCO

Section 9 - Physical and Chemical Properties

Appearance	: Oily liquid.
Odour (Organoleptic)	: Mild, clove, carnation odour; bitter, burning taste.
Colour	: Colourless to pale yellow.
Refractive Index (n 20/D)	: 1.530 - 1.536
Specific Gravity (d 25/25)	: 1.030 - 1.040
Boiling point	: 244 - 245°C
Viscosity at 25°C	: Data Not Available.
Vapour pressure (20°C) (calculated)	: 0.01 mmHg (FMA)
Solubility	: Soluble in ethanol (1 ml in 2 ml 70 % ethanol), insoluble in water.
Molecular Weight	: 178.23
Molecular Formula	: C ₁₁ H ₁₄ O ₂

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.



THE AROMAVERSE-FZCO

Section 11 - Toxicological Information

RTECS #: CY2450000

Toxicity data:

Route	Organism	Dose	Source
Oral	Rat	LD ₅₀ : 810 mg/kg	FCTXAV 13, 857, 1975
Inhalation	Rat	LC ₅₀ : 4800 mg/m ³	TXAPA9 31, 421, 1975
Skin	Rabbit	LD ₅₀ : 2025 mg/kg	TXAPA9 31, 421, 1975

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
Shipping Name:	Not Regulated	Not Regulated	Not Regulated
Hazard Class:		Regulated	
UN Number:			

Section 15 - Regulatory Information

European/International Regulations:

European Labeling in Accordance with EC Directives



Hazard Symbols:

THE AROMAVERSE-FZCO

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. -----
