

# THE AROMAVERSE-FZCO

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

COUMARIN

## Section 1 - Chemical Product and Company Identification

**MSDS Name** COUMARIN

**Synonyms** 1,2-Benzopyrone

**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#	
91-64-5	Coumarin	99%Min	-	

### 2.1 Classification of the substance or mixture

**Classification accordance with 29 CFR 1910.1200(d)/US-GHS/OSHA:**

Acute Tox Oral. Category- 3 H301

Acute Tox Inhaled. Category- 3 H331

Acute Tox Dermal Category- 3 H311 Skin Sens. category -1 H317

Aquatic Chronic. Category – 2 H411

**Classification according with Regulation (EC) No 1272/2008**

**Class and category of danger:** Acute Tox Oral. Category- 3

Acute Tox dermal. Category- 3

Acute Tox Inhaled. Category- 3

Skin Sens. category -1

Aquatic Chronic . Category - 2

H301: Toxic if swallowed.

H311: Toxic in contact with skin.

H317: May cause an allergic skin reaction.

H331: Toxic if inhaled.

H411: Toxic to aquatic life with long lasting effects.



### 2.2 Label elements

**Classification accordance with 29 CFR 1910.1200(d)/US-GHS/OSHA:**

Hazard pictogram(s):

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Danger

Signal word:

Hazard statements:

H301: Toxic if swallowed.

H311: Toxic in contact with skin.

H317: May cause an allergic skin reaction.

H331: Toxic if inhaled.

H411: Toxic to aquatic life with long lasting effects

**Precautionary statements:**

P233: Keep container tightly closed.

P261: Avoid breathing dust / fume / gas / mist / vapours / spray.

P264: Wash thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P271: Use only outdoors or in a well-ventilated area.

P272: Contaminated work clothing should not be allowed out of the workplace.

P273: Avoid release to the environment.

P280: Wear protective gloves / protective clothing/eye protection /face protection.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P301+P312: IF SWALLOWED: Call a POISON CENTER / doctor if you feel unwell.

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

P363: Wash contaminated clothing before reuse.

P314: Get medical advice/attention if you feel unwell.

P280, Wear protective gloves/eye protection/face protection.

P332/313, If skin irritation occurs: Get medical advice/attention.

P501, Dispose of contents/container to approved disposal site, in accordance with local Regulations.

Precautionary statements are listed according to the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

**Classification according with Regulation (EC) No 1272/2008**

Signal word: Danger

Hazard statements:

H301: Toxic if swallowed.

H311: Toxic in contact with skin.

H317: May cause an allergic skin reaction.

H331: Toxic if inhaled.

H411: Toxic to aquatic life with long lasting effects.

M factor: chronic-1

Supplemental Information: None



Precautionary statements:

P233: Keep container tightly closed.

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P270: Do not eat, drink or smoke when using this product.

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P501: Dispose of contents/container to approved disposal site, in accordance with local Regulations

## Pictograms:



Other hazards: None

## 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.

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## 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

**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:** powder or white crystals

**Odour:** floral

**Odour threshold:** Not determined

**pH:** Not determined

**Melting point/freezing point:** Not determined

**Initial boiling point and boiling range:** 297.00 °C 297.00 to 301.00 °C

**Flash point** 93.00 °C

**Evaporation rate:** Not determined

**Flammability (solid, gas):** Not determined

**Upper/lower flammability or explosive limits:** Not determined

**Vapour pressure:** Not determined

**Vapour density:** 5.1 (Air-1)

**Relative density:** 0.9570 g/cm<sup>3</sup> @ 20°C

**Solubility(ies):** Insoluble

**Partition coefficient: noctanol/water:** Not determined

**Auto-ignition temperature:** Not determined

**Decomposition temperature:** Not determined

**Viscosity:** Not determined

**Explosive properties:** None

**Oxidising properties:** Not determined

**Congearing point** 68.00 °C

### 9.2 Other information:

None

## Section 10 - Stability and Reactivity

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

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## 11.1 Information on toxicological effects

Acute Toxicity: Based on available data the substance are toxic under cat.3.

Acute Toxicity Oral LD50 (rat) 293 mg/kg bw

Acute Toxicity Dermal LD50 (rat) 242 mg/kg

Acute Toxicity Inhalation Not available

Skin corrosion/irritation: Based on available data the classification criteria are not met.

Skin irritation Rabbit not irritating

Serious eye damage/irritation: Eye Irritant

Eye irritation Rabbit Not irritating

Respiratory or skin sensitisation :

Skin sensitisation sensitising

Germ cell mutagenicity: Based on available data the classification criteria are not met.

Mutagenicity Ames test negative

Carcinogenicity: No data available

Reproductive toxicity: No data available

STOT-single exposure: Based on available data the classification criteria are not met.

STOT-repeated exposure: May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard: Based on available data the classification criteria are not met.

## 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.



## Section 14 - Transport Information

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

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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. -----*

