

THE AROMAVERSE-FZCO

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

BENZYL ACETATE

Section 1 - Chemical Product and Company Identification

MSDS Name : Benzyl Acetate

Synonyms : Acetic Acid Benzyl Ester

Company Identification THE AROMAVERSE-FZCO
A6-3648479202, Premises No. A6-003-B ,
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Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	%	EINECS#
140-11-4	Benzyl Acetate	99%Min	205-399-7

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification : Aquatic Chronic 3, H412

Classification according to Directive 67/548/EEC [DSD]

Classification : Not classified.

2.2 Label elements

Hazard pictograms : Not applicable.

Signal word : No signal word.

Hazard statements : H412 - Harmful to aquatic life with long lasting effects. :

Additional warning phrases : Not applicable.

Precautionary statements

Prevention : Avoid release to the environment.

Response : Not applicable.

Storage : Not applicable.

Disposal : Dispose of contents and container in accordance with all local, regional, national and international regulations.



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2.3 Other hazards

Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII

: No. :
No.

Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

Other hazards which do not result in classification : None known.

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

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.

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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

Section 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

General information

Appearance

Physical state : Liquid.
Colour : Clear. Colourless.
Odour : Jasmine-like. [Slight]

Important health, safety and environmental information

Boiling point : 213 to 214 °C (1013 hPa)
Melting point : -52 to -51°C (-61,6 to -59,8°F)
Flash point : Closed cup: 102°C (215,6°F)

Vapour pressure : 0,25 hPa (25°C) **Density** : 1,054 kg/L

(20°C)

Solubility : 2,66 g/l (water)

Very slightly soluble in the following materials: cold water

Viscosity : Dynamic: 4,5 mPa·s

Auto-ignition temperature : 460°C (860°F) : Not available.

Decomposition temperature



9.2 Other information

No additional information.

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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

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient	Result	Species	Dose	Exposure	Test name
benzyl acetate	LD50 Oral	- Rabbit - Male, Female	-	2490 mg/kg	-
	LD50 Oral	- Rat	-	>2000 mg/kg	OECD 401 Acute Oral Toxicity

Conclusion/Summary : benzyl acetate:* Highest technical producible concentration

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Test
benzyl acetate	Skin - Erythema/ Eschar	Rabbit	0,89	-	EU B.4 Acute Toxicity: Dermal Irritation/ corrosion
	Skin - Oedema	Rabbit	0,33	-	EU B.4 Acute Toxicity: Dermal Irritation/ corrosion
	Eyes - Cornea opacity	Rabbit	0	-	EU B.5
	Eyes - Iris lesion	Rabbit	0	-	EU B.5
	Eyes - Redness of the conjunctivae	Rabbit	0,11	-	EU B.5
	Eyes - Oedema of the conjunctivae	Rabbit	0	-	EU B.5

Skin : benzyl acetate:Non-irritating

Eyes : benzyl acetate:Non-irritating

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Sensitiser

Product/ingredient name	Route of exposure	Species	Result	Test description
benzyl acetate	skin	Guinea pig	Not sensitizing	Magnusson/Kligmann (Maximization Test)

Potential chronic health effects

Chronic toxicity

Product/ingredient name	Result	Species	Dose	Exposure
benzyl acetate	Sub-acute NOAEL Oral	Rat - Male, Female	500 mg/kg	14 days; 7 days per week
	Sub-chronic NOAEL Oral	Rat - Male	500 mg/kg	13 weeks; 5 days per week
	Sub-chronic NOAEL Oral	Rat - Female	250 mg/kg	13 weeks; 5 days per week

Carcinogenicity

Product/ingredient name	Result	Species	Dose	Exposure
benzyl acetate	Negative - Oral - NOAEL	Rat - Male, Female	1200 mg/kg	103 weeks; 7 days per week
	Negative - Oral - NOAEL	Mouse - Male, Female	300 mg/kg	103 weeks; 7 days per week

Mutagenicity

Product/ingredient name	Test	Experiment	Result
benzyl acetate	Ames test	Experiment: In vitro Subject: Bacteria Cell: Somatic Metabolic activation: +/-	Negative
	Chromosomal aberration assay	Experiment: In vitro Subject: Mammalian-Animal Cell: Somatic Metabolic activation: +/-	Negative
	Genetic Toxicology: DNA Damage and Repair, Unscheduled DNA Synthesis in Mammalian Cells <i>in vitro</i>	Experiment: In vivo Subject: Mammalian-Animal Cell: Somatic	Negative

Reproductive toxicity

Product/ingredient name	Effects	Species	Dose	Exposure / Test
benzyl acetate	-	Rat - Female	Oral: >1000 mg/kg NOAEL	10 days; 7 days per week

Section 12 - Ecological Information

Other .None Available.

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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:			
UN Number:			

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.

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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. -----



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