

THE AROMAVERSE-FZCO

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

CIS 3 HEXENYL ACETATE

Section 1 - Chemical Product and Company Identification

MSDS Name : Cis 3 Hexenyl Acetate

Synonyms : (Z)-hex-3-enyl 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#	
3681-71-8	Cis 3 Hexenyl Acetate	99%Min	222-960-1	

2.1 Classification of the substance/mixture

2.1.1 Classification:

The substance is classified as following according to REGULATION (EC) No 1272/2008:

REGULATION (EC) No 1272/2008	
Hazard classes/Hazard categories	Hazard statement
Flam. Liq. 3	H226

For full text of H- phrases: see section 2.2.



2.2 label elements

Hazard Pictograms:



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Signal Word(S):

Hazard Statement:

Precautionary statement

Warning

H226: Flammable liquid and vapour.

P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

P233: Keep container tightly closed.

P240: Ground/bond container and receiving equipment.

P241: Use explosion-proof

electrical/ventilating/lighting/.../equipment. P242: Use only non-sparking tools.

P243: Take precautionary measures against static discharge.

P280: Wear protective gloves/protective clothing/eye

protection/face protection. P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P370+P378: In case of fire: Use ... for extinction.

P403+P235: Store in a well-ventilated place. Keep cool.

P501: Dispose of contents/container toin

accordance with local/regional/national /international regulations (to be specified).

Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both. **2.3 Other hazards**

The substance is not considered a PBT/vPvB.

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

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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



Section 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance	Liquid at 20 °C and 101.3 kPa
Melting point/range (°C):	< -20.0 °C
Boiling point/range (°C):	171.6 °C at 101.3 kPa

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Flash point (°C):	57 °C at 1013 hPa
Self-ignition temperature:	302 °C at 1013 hPa
Vapour pressure:	214 Pa at 25 °C
Relative Density:	0.899 at 20°C
Water solubility (mg/l):	1.11 g/L at 20 °C
n-Octanol/Water (log Po/w):	Log Kow (Pow): 2.7 at 30 °C
Viscosity:	0.893 mPa • s (dynamic) at 20 °C
Surface tension:	55.1 - 55.2 mN/m at 20.8 ± 0.5 °C
Dissociation constant in water(pKa):	Not available
9.2. Other information:	
Flammability:	Flammable
Explosive properties :	Non explosive
Oxidising properties :	Oxidising: no
Granulometry :	Not available
Stability in organic solvents and identity of relevant degradation products :	Not available

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 Toxicokinetics, metabolism and distribution

Non-human toxikological data:

The low vapour pressure value (214 Pa at 25°C) and predicted negative explosive and oxidising properties shows that the substance is non-volatile therefore inhalation is not a significant route of

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exposure. The substance has low water solubility (1.11 g/L). The available acute oral, acute dermal, acute inhalation and repeated dose reproductive screening studies showed limited evidence of absorption, metabolism and excretion.

The test item was non-mutagenic in bacteria or in the mouse and non-clastogenic in mammalian cells in vitro in the absence or presence of a liver enzyme metabolizing system. The results of animal studies showed equivocal skin sensitization results however in humans test results were negative. The test item is also considered a mild irritant. Interpretation of results (migrated information): other: See conclusion

In accordance with Annex VIII (point 8.8) of Regulation (EC) No 1907/2006 (REACH), a paper-based toxicokinetic assessment has been conducted for the substance. The available information suggests that absorption of the test substance from the gastrointestinal tract can take place. Some absorption may also take place via the skin. Once absorbed, the substance would be distributed in the serum and thereby distributed systemically and urine is the significant route of excretion.

There is no evidence suggesting that the test substance may be metabolised, however no studies have been conducted to identify potential metabolites.

11.2 Information on toxicological effects

Acute toxicity:

LD50(Oral, Rat): > 2 000 mg/kg bw (female)

LD50(Dermal, Rabbit): >5 g/kg (male/female)

LC50(Inhalation, Rat): > 5.92 mg/L air (male/female)

Skin corrosion/Irritation: Not classified

Serious eye damage/irritation: Not classified

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified



STOT- single exposure: Not classified

STOT-repeated exposure: Not classified

Aspiration hazard: Not classified

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.



Section 16 - Additional Information

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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. -----

