

THE AROMAVERSE-FZCO

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

ALDEHYDE ISO C-11

Section 1 - Chemical Product and Company Identification

MSDS Name : Aldehyde Iso C-11(Undecenal)


Synonyms : Aldehyde iso C-11

Company Identification THE AROMAVERSE-FZCO
A6-3648479202, Premises No. A6-003-B ,
IFZA Business Park, DDP. DUBAI, UNITED ARAB EMIRATES.
Email: info@aromaverse.net

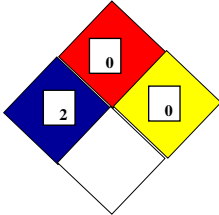

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	%	EINECS#
1337-83-3	Aldehyde Iso C-11	99%Min	-



2.1	Classification of the substance/preparation according to Regulation 1910.1200 [GHS]	<p>Classification:</p> <ul style="list-style-type: none">▪ Skin Irri.2▪ Eye Irri.2▪ Skin Sens.1B <p>Hazard statement: H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation.</p> <p>Signal Word: Warning</p> <p>Hazard pictogram:</p>  <p>GHS07</p> <p>Precautionary statements:</p>
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		<p>P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection. P302+P352: IF ON SKIN: Wash with plenty of water P333 + P313: If skin irritation or rash occurs: Get medical advice/ attention. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P501: Dispose of contents/container to an approved waste disposal plant in accordance with local/regional/national /international regulations.</p>
2.2	Other Information	<p>Hazard Ratings : NFPA (scale 0 - 4) Health: 2 Flammability: 0 Reactivity: 0</p>  <p>Hazard Ratings : HMIS Health: 2 Flammability: 0 Reactivity: 0</p>  <p>NFPA (National Fire Protection Association) Ratings: HMIS (Hazardous Materials Identification System) Ratings:</p> <p>Key: 0=Insignificant; 1=Slight; 2=Moderate; 3=High; 4=Extreme. An asterisk appearing after the HMIS Health numerical rating denotes a chronic hazard.</p>

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



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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	CO ₂ , 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

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9.1.	Information on basic physical and chemical properties	<p>(a) Appearance: Clear liquid (b) Color: Colorless to pale yellow (c) Odor: Aldehydic (d) pH: The mean pH of 1% w/v of the test item was 6.25 at 30°C (e) Freezing point: - 17.6 °C at 965.5 hPa (f) Boiling point: 182.6°C at 965.6 hPa (g) Flash Point: 101°C at 965.3 hPa (h) Decomposition point: Not determined (i) Vapour pressure : 6.053 Pa. [Estimated] (j) Specific gravity @ 25 °C 0.8390 – 0.8470 (k) Refractive Index @ 25 °C 1.4410 – 1.4460 (l) Flammability (liquid) – Not Flammable (m) Auto-ignition temperature: The chemical is not auto flammable. (n) Danger of explosion: Product does not present an explosion hazard (o) Upper/lower flammability or explosive limits: No data (p) Solubility(ies): (water) 22.27 mg/L [Estimated] (q) Partition coefficient: n-octanol/water: Log Pow = 4.04 [Estimated]</p>
9.2.	Other information	Viscosity at 20°C: 10.62 mPa.s (Dynamic).

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	Oral	LD50	4103.574 mg/kg bw (Rat).
		Dermal	LD50	4348.18 mg/kg bw (Rat)
		Inhalation	LC50	No data

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	skin corrosion/irritation	Irritating (category 2) human skin model (in-vitro)		
	serious eye damage/irritation	Irritating(Migrated information)		
	Sensitization:	Sensitizing, mouse local lymph node assay (LLNA)		
	Germ cell mutagenicity	Undecylenic aldehyde in the concentration of 0, 0.5, 1.0, 2.5 or 5.0 mM does not cause genetic mutation(s) when CHO cells are exposed to the test chemical in the presence or absence of metabolic activation.		
11.2	Numerical measures of toxicity (such as acute toxicity estimates)	Please refer section 11.1 above		
11.3	Chemical if, listed in NTP or IARC or by OSHA as Carcinogens	IARC (International Agency for Research on Cancer): Not listed. NTP (National Toxicology Program): Not listed OSHA (Occupational Safety & Health Administration): Not listed.		
11.4	Other information	No additional relevant data		

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.

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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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