

THE AROMAVERSE-FZCO

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

LYRAL

Section 1 - Chemical Product and Company Identification

MSDS Name : LYRAL

Synonyms : 3-(4-hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde

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#	
31906-04-4	LYRAL	99%Min	915-617-9	

GHS-Classification:

Skin sensitisation, Sub-category 1A

Acute aquatic toxicity, Category 3

GHS-Labeling:

Symbol(s) :



Signal word : Warning

Hazard statements : H317: May cause an allergic skin reaction. H402: Harmful to aquatic life.

Precautionary statements :

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

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

P273: Avoid release to the environment.

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P280: Wear protective gloves.

P302 + P352: IF ON SKIN: Wash with plenty of water.

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

P362 + P364: Take off contaminated clothing and wash it before reuse.

P501: Dispose of contents/ container to an approved waste disposal plant.

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.

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.

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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

Appearance:

Physical state : liquid

Colour : colorless to pale yellow

Odour : conforms to standard

Safety data Flash point : 105°C

Flammability (solid, gas) : not auto-flammable

Oxidizing properties : The substance or mixture is not classified as oxidizing.

Auto-ignition temperature : 255 °C at 1,013 hPa

Melting point : -20 °C at 1,013 hPa

Method: OECD Test Guideline 102

Boiling point : 297.6 °C at 1,013 hPa

Vapour pressure : 0.01 hPa

Water solubility : 3.42 g/l

Method: Purge & Trap Partition coefficient:

n-octanol/water : log Pow: 2.1 at 30 °C Method: OECD Test Guideline 117

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Viscosity, dynamic : 148 mPa.s at 25 °C Method: OECD

114

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

Acute oral toxicity : LD50 (Rat) = 4,971 mg/kg

Acute dermal toxicity :
LD50 (Rabbit) = > 5,000 mg/kg

Skin irritation : No skin irritation (Tested according to Annex V of Directive 67/548/EEC., Rabbit, 4 h)

Eye irritation : No eye irritation (OECD Test Guideline 405, Rabbit, (undiluted))

Sensitisation : Does not cause skin sensitisation. (,human, 15.00%) Causes sensitisation. (OECD Test Guideline 429 ,Mouse)

Section 12 - Ecological Information

Other .None Available.

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.

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. -----

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