



Laboratoire

GLD



Bureaux Tel : 02 97 02 16 82
ZA belle vue 56700 Merlevenez.

Huile de pépin de figue de barbarie Biologique.

1/ COMPANY DETAILS

PRODUIT : Huile de Pépin de figue de Barbarie Biologique.

Durée de vie recommandée : 2 ans

NOM latin : Opuntia ficus Indica seed oil.

FONCTION : Huile émolliente très riche en acide gras poly insaturés.

PRODUCT NAME (UE): PRICKLY PEAR SEED OIL (huile de graines de figues de barbarie)

INCI NAME (US): OPUNTIA FICUS INDICA OIL

INCI NAME (EU) : OPUNTIA FICUS INDICA SEED OIL

CAS NUMBER : 90082-21-6

EINECS NUMBER : 290-109-1

Code douanier : 15159040

SOCIETE (Importateur-distributeur) : GLD/ Aromaroc za belle vue 56700 Merlevenez

Description: huile de pépins de figue de Barbarie est l'huile obtenue à partir des graines de figue de barbarie, Opuntia ficus indica seed oil. 100% des ingrédients est l'huile de graines de figue de Barbarie organique, aucun additif ou d'autres ingrédients n'ont été ajoutés à l'huile. La production est faite par pression mécanique à froid sans solvant, le produit brut non raffiné est filtré à 0,20 microns.

Uses: Fragrance Ingredient; Skin Conditioning Agent – Occlusive.

Bath preparations, miscellaneous; Body and Hand preparations [Excluding shaving preparations]; Moisturising preparations; Skin care preparations, miscellaneous; Bath oils, tablets, and salts; Cleansing products [Cold creams, cleansing lotions, liquids and pads]; Bath capsules; Face and Neck preparations [Excluding shaving preparations]; Hair conditioners; Eyebrow pencils; Suntangels, creams, and liquids; Night skin care preparations; Tonics, dressings, and other Hair grooming aids; Bath soaps and detergents; Paste masks [Mud packs]; Indoor tanning preparations; Powders [Dusting and Talcum, excluding aftershave talcs]; Shampoos [Non-colouring]; Baby lotions, oils, powders and creams; Fragrance preparations, miscellaneous; Eye makeup preparations, miscellaneous; Hair sprays [Aerosol fixatives]; Lipsticks; Personal cleanliness products, miscellaneous; Suntan preparations, miscellaneous.

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Règlement à la commande selon votre convenance

Pas d'escompte pour paiement anticipé. Passée la date d'échéance, tout paiement différé entraîne l'application d'une pénalité de 12 fois le taux d'intérêt légal (loi L441-6 du code de commerce) ainsi qu'une indemnité forfaitaire pour frais de recouvrement de 40 euros.



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3/ HAZARD IDENTIFICATION

3.1 Physical - Chemical Hazards

Explosion: None identified.
Flammable: Combustible liquid produces oxides of carbon when burning.
Oxidizing: Not applicable.
Toxic: None identified.
Radioactive: Not applicable.
Corrosive: None identified.
Miscellaneous: None identified.

3.2 Environmental Hazards: None identified.

3.3 Health Hazards Acute Effects: Swallowed: Non-toxic, However excessive ingestion of liquid can cause gastric distress and mild diarrhea.

Eye: May cause mild irritation scoring 4.5/9 on Het-Cam.

Skin: Non-toxic. There have been no reported incidences, or other evidence of allergy or dermal irritation through topical application in 6+ years of use. Test with SkinEthic, classified the product with no irritation.

Inhalation: May be harmful.
Chronic Effects: None identified.
Mutagenic Effects: None identified by Ames and gamma

H2AX.

Reproductive Effects: None identified.
Carcinogenic Effects: No carcinogenes effect.
Sensitisation: Not sensitisation determined by QSAR

Toolbox OCDE.

Infectious: Not applicable.
Other Effects: Combustion Products are harmful if inhaled

and can irritate the eyes & respiratory system. Contact with heated material may result in burns.

4/ FIRST AID

4.1 Eye Contact: Flush immediately with clean water for at least 15 minutes. Ensure irrigation under eyelids. Do not try to remove contact lenses unless trained. Contact a physician as necessary.

4.2 Skin Contact: Remove any contaminated clothing and footwear. Clean before re-use. Wash affected areas thoroughly with soap and water for at least 15 minutes. Contact a physician as necessary.

4.3 Inhalation: Remove from the exposure to fresh air. If breathing has stopped, administer artificial respiration and oxygen if available. Contact a physician as necessary.

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4.4 Ingestion: Do Not induce vomiting. Wash out mouth with water and give water slowly to dilute [as much as casualty can comfortably drink] provided person is conscious. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. Contact a physician or local poison control centre immediately. If vomiting occurs, lean patient forward or place on left side [head-down position, if possible] to maintain open airway and prevent aspiration.

4.5 Burns: Quickly immerse affected area in cold water for at least 20 minutes. Contact a physician immediately. Bandage lightly with a sterile dressing. Treat for shock if required. Lay patient down. Keep warm and rested. Transport to hospital, or doctor.

4.6 Contact Point: Poisons Information Centre Sydney [T] 131126

4.7 Advice to Doctor: Treat symptomatically. Note the nature of this product.

5/ FIRE FIGHTING MEASURES

5.1 Extinguishing Media: Carbon Dioxide; Dry Chemical; Universal-Type Foam.

5.2 Unsuitable Extinguishing Media: Water Spray; Others not established.

5.3 Unusual Firefighting Hazards: None identified.

5.4 Special Procedures: Determine the need to evacuate or isolate the area according to your local emergency plan.

5.5 Protective Equipment: Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving essential oils or chemicals.

5.6 Combustion Products: Oxides of carbon.

5.7 Contact Point: Dial Emergency in case of fire or Local Emergency Authority

6/ ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions: Use of self-contained breathing apparatus is recommended for any major chemical spill. Refer also to section 8.

6.2 Safety Precautions: Eliminate ALL ignition sources. Ventilate area. Determine the need to evacuate or isolate the area according to your local emergency plan;

6.3 Environmental Precautions: Keep away from drains, surface and ground water. Report spills to appropriate Authorities if required.

6.4 Methods For Cleaning Up: Contain spill and recover free product. Absorb remainder on vermiculite or other suitable absorbent material. Wipe small spills with cloth. Clean with hot water and detergent. Refer also to Section 13. for disposal procedures.

7/ SAFE HANDLING AND STORAGE INFORMATION

7.1 Handling: Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before re-use.

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7.2 Storage: Not a hazardous material. Not a Scheduled Poison. Containers should be kept closed in order to minimise contamination. Store in a cool, dry, well ventilated place protected from light. Refrigeration storage recommended. Keep from extreme heat and away from ALL sources of ignition. Make sure the material does not come into contact with substances listed as: "Materials to Avoid", Refer to Section 10.

7.3 Unsuitable Packaging Materials: None established.

7.4 Special Procedures: None established.

8/ EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Respiratory Protection: None generally required. Use NIOSH approved respirator in confined areas or if ventilation is inadequate.

8.2 Ventilation Protection: Ensure adequate ventilation to keep exposure levels to a minimum. General exhaust is recommended.

8.3 Eye Protection: Using goggles or face shield is recommended.

8.4 Protective Gloves: Using chemical resistant gloves is recommended.

8.5 Protective Clothing: Using chemical resistant clothing is recommended.

8.6 Protective Equipment: An eyewash fountain and / or safety shower should be available in the work area.

8.7 Special Engineering Controls: None established.

8.8 Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol / spray applications may require additional precautions

9/ PHYSICAL AND CHEMICAL PROPERTIES

TEST SPECIFICATION

9.1 Appearance: Clear, Golden, orange

9.2 Odour: Characteristic as the fruit

9.3 Specific Gravity:

0.84 to 0.890 @ 25°C

9.4 Refractive Index:

1,459 to 1,468 @ 25 °C

9.5 Peroxyde Value:

Maximum 5

9.6 Free Acidity:

Maximum 2

9.7 Solubility:

Soluble in vegetable oils

9.8 Solubility in Water:

Insoluble

9.9 Flash Point:

> 200°C [Test unknown]

9.10 Flammability Limits [as % v/v in Air]

Lower Explosion Limit:

Not available.

Upper Explosion Limit:

Not available.

9.11 Autoignition Temperature:

Not available.

9.12 Melting Point:

Not available.

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9.13 Boiling Point: Not available.
9.14 Vapour Pressure: Not available.
9.15 Vapour Density: Not available.

9.16 FATTY ACID PROFILE

CONSTITUENT	CHAIN STRUCTURE	RANGE
Palmitic:	C16:0	Maximum 3.0%
Palmitoleic:	C16:1 n7	Maximum 1.0%
Oleic:	C18:1	5.0% to 15.0%
Eicosenoic:	C20:1 w9	65.0% to 80.0%
Behenic:	C22:0	Maximum 1.0%
Erucic:	C22:1	10.0% to 20.0%

9.17 EFFA Listed Sensitisers & IFRA Notifiable Substances
No sensitisers

10/ STABILITY AND REACTIVITY

10.1 Stability: Chemically stable, non hazardous material. This material presents no significant reactivity hazard.
10.2 Conditions to Avoid: None established.
10.3 Materials to Avoid: Strong acids, strong alkalis and oxidizing agents.
10.4 Flammability: Combustible liquid.
10.5 Hazardous Polymerization: Will not occur.
10.6 Hazardous Combustion or Decomposition Products: Carbon monoxide and unidentified organic compounds may be formed during combustion.

11/ TOXICOLOGICAL INFORMATION

11.1 Acute Toxicity
LD50 [Oral]: On mice 43 ml/ml/kg body weight [Acute toxicity of OFISO and pistacia lentiscus seed oil in Mice]
LD50 [Dermal]: Not tested on animals – So not available.
LC50 [Inhalation]: Not tested on animals – So not available.
11.2 Exposure Limits
NOAEL calculée: 920 mg/jour/kilos
OSHA TWA: None established.
OSHA STEL: None established.
ACGIH TWA: None established.
ACGIH STEL: None established.

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NOHSC TWA:	None established
NOHSC STEL:	None established.
11.3 Short Term Toxicity:	Not available.
11.4 Long Term Toxicity:	Not available.
11.5 Human Exposure Tests:	-Not photosensitizer, no reaction between 290-490 nm. -Eyes irritation, mildly irritating 4.5 / 9 by Het-Cam -Skin irritation, not irritation, derterminated by SkinEthic. -Skin sensitisation, not skin sensitized determined by QSAR, OCDE read across. HRIPT under 100 volunteers, none reaction

12/ ECOLOGICAL INFORMATION

- 12.1 Eco-toxicity: None established. Avoid pollution to soil, rivers and the ocean.
12.2 Mobility: Low mobility in the soil.
12.3 Persistence & Degradability: Low persistence level and readily biodegradable.
12.4 Bio-accumulative Potential: None established.
12.5 Other Adverse Effects: None established .

13/ DISPOSAL CONSIDERATION

- 13.1 Waste Material: Place material and / or absorbent into sealed containers and dispose of in accordance with current applicable laws and regulations. Refer to local Authority advice.
13.2 Contaminated Packaging: Dispose of in accordance with current applicable laws and regulations. Refer to local Authority advice.
13.3 Note: Empty containers can have residues, gases and mists. Use the proper Waste Disposal Methods & Procedures for Empties as well

14/ TRANSPORT INFORMATION

- 14.1 Transportation: Not Dangerous Goods according to criteria of the Australian Dangerous Goods Code for Transport by Road and Rail. No special transport required. Not to be transported with Classes 1 [Explosives], 2.1 [Flammable Gases] [nb this applies only when in bulk], 2.3 [Poisonous Gases], 4.2 [Spontaneously Combustible Substances], 5.1 [Oxidising Agents], 5.2 [Organic Peroxides], 7 [Radioactive Substances].

14.2 Proper Shipping Name: Not Regulated.

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14.3 UN Number:	Not allocated.
14.4 Packaging Group:	Not allocated.
14.5 DG Class:	Not allocated.
14.6 Poison Schedule:	Not Scheduled.
14.7 Hazchem Code:	Not allocated

15/ REGULATORY INFORMATION

15.1 Risk Symbols:	Not allocated.
15.2 Risk Phrases:	Not allocated.
15.3 Safety Phrases:	Mildly irritating to eyes.

In case of contact with eyes, rinse until no employer contribution irritation..

15.4 Warning Statements:	Not allocated.
15.5 Safety Directions:	Not allocated.
15.6 Standard Statements:	Not allocated

16/ ADDITIONAL INFORMATION

16.1 ORGANIC / GMO DECLARATION

It is exclusively gained from non-GMO organically grown apricot trees and is free of any GMO-Fragments. It is grown, harvested and processed within the strict principles of creating animal free products. It is grown, harvest and processed within the strict principles of creating organic materials. It contains No Animal Products.

16.2 QUALITY DECLARATION

At AROMAROC we firmly believe that Quality Control is of the utmost importance and it is imperative that the most meticulous tests are carried out for every product in our range. Uncompromising quality is a responsibility, which we take seriously. The most rigorous processes are implemented to determine the purity and potency of sourced oils & raw materials. By maintaining this intense level of Quality Control and Developing New Methods & Techniques, AROMAROC can ensure Superior Quality Products.

16.3 DISCLAIMER

The information contained in this Certificate of Analysis and Material Safety Data Sheet are obtained from current and reliable sources. AROMAROC provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Material Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product. This document is thus, intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. Individuals receiving this information must exercise their

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independent judgment in determining its propriateness for a particular purpose. As the ordinary or otherwise use(s) of this product is outside the control of AROMAROC, no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. AROMAROC expressly disclaims responsibility as to the ordinary or otherwise use(s). Furthermore, nothing contained herein should be considered as a recommendation by AROMAROC as to the fitness for any use. The liability of AROMAROC is limited to the value of the goods and does not include any consequential loss. AROMAROC shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. AROMAROC shall not be responsible for any damages resulting from use of or reliance upon this information. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties.

16.5 MANUFACTURED PRODUCTS INGREDIENT DISCLAIMER

As the availability of ingredients and raw materials is not always certain whether due to changes in nature or otherwise, AROMAROC reserves the right to substitute alternate ingredients/raw materials in the manufacture of its products and bases in order to maintain supply to its customers. Customers should always refer to the ingredients label as affixed to each product or to specification sheets which are current at the time of supply of the product.

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