El Jabón Artesanal
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# Certificado de Análisis y Ficha tecnica

## Aceite de Babassu Refinado

**Lote nº** 8008230004
**Caducidad:** 04/2023

| Parámetro | Unidad | Especificación | Resultado |
|---|---|---|---|
| Ácidos grasos libres | % | máx. 0. 5 | 0. 06 |
| Valor ácido | mgKOH/g | máx. 1.0 | 0. 12 |
| Valor Peróxido | meq O2/kg | máx. 5. 0 | 1.10 |
| Color | Lovibond 5 1/4" | -- | -- |
| Yodo | g l2 / 100g | 10 - 18 | 16.80 |
| Humedad | % | -- | -- |
| Valor de saponificación | mg KOH/g | 245 - 256 | 254.40 |
| Materia insaponificable | % | máx. 1.8 | 0,72 |
| Densidad 20°C | g/cc | -- | - |
| Punto de fusión | °C | 24 - 36 | Conforme |
| Índice de refracción | | 1.448 - 1.451 | 1.448 |

| **Composición de ácidos grasos** | | | |
|---|---|---|---|
| C 06:0 Ácido caproico | % | -- | -- |
| C 08:0 Ácido caprílico | % | 2.5 - 7.3 | 7.27. |
| C 10:0 Ácido cáprico | % | 1. 0 - 7,5 | 5.56 |
| C 12:0 Ácido láurico | % | 40.5 - 55 | 44.34 |
| C 14:0 Ácido mirístico | % | 11 - 27 | 16.56 |
| C 16:0 Ácido palmítico | % | 5.0 - 11 | 8.50 |
| C 16:1 Ácido palmitoleico | % | -- | -- |
| C 17:0 Ácido margarico | % | -- | -- |
| C 17:1 Ácido Margen de oleico | % | -- | -- |
| C 18:0 Ácido esteárico | % | 1.5 - 7.5 | 4.54 |
| C 18:1 Ácido oleico | % | 9.0 - 20 | 10.99 |
| C 18:2 Ácido linoleico | % | 1.5 - 6.5 | 2.23 |
| C 18:3 Ácido linolénico | % | -- | -- |
| C 20:0 Ácido araquidico | % | -- | -- |

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# FICHA DE SEGURIDAD

**In accordance with Commission Regulation (EU) No. 453/2010**

Version n° 002 – October 2014

## Section 1- IDENTIFICATION

*Product name*: **BABASSU OIL - REFINED** / ACEITE DE BABASSU REFINADO

*REACH Registration .:* "No registration number is given for this substance since it is exempted from the registration requirements according to REACH annex IV and V."

*Uses :* Cosmetic applications

*Supplier*

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**Teléfono de emergencia:** INSTITUTO NACIONAL DE TOXICOLOGIA MADRID 915620420

## Section 2 - HAZARDS IDENTIFICATION

No hazards identified under Regulation (EC) No 1272/2008
No Hazard symbol required according to Directive 1999/45/EC, 67/548/EEC

## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

| | | |
|---|---|---|
| *Description/Chemical name* | Triglycerides of vegetable origin | |
| | INCI EU: | Orbignya Oleifera Seed Oil |
| | CAS: | 91078-92-1 |
| | EINECS: | 293-376-2 |
| *Hazardous components* | None | |
| *Additives* | None | |

## Section 4 - FIRST AID MEASURES

| | |
|---|---|
| *Eye contact* | Flush eyes with plenty of water. Seek medical attention if any irritation persists. |
| *Skin contact* | Wash with plenty of soap and water. |
| *Ingestion* | Not considered dangerous. In high dosage, seek medical attention. |

## Section 5 - FIRE FIGHTING MEASURES

| | |
|---|---|
| *Suitable extinguishing media:* | Dry powder, CO2, foam, sand. |
| *Special risks:* | None identified. |
| *Special precautions for fire fighting:* | Use self-contained breathing apparatus in conditions of thick smoke.<br>Cool containers at risk with water spray jet. |

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## Section 6 - ACCIDENTAL RELEASE MEASURES

| | |
|---|---|
| *Individual precautions:* | Wear protective clothing. |
| *Environmental precautions:* | Do not discharge into drains, surface water, ground water.<br>Recuperate the spilled product. Wash with water and detergent. Recuperate all material in a suitable labelled container for disposal. |

## Section 7 - HANDLING AND STORAGE

| | |
|---|---|
| *Handling:* | Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of material from eyes, skin, and clothing. |
| *Storage:* | This material is not hazardous under normal storage conditions; however, material should be stored in a cool dry place in unopened containers.<br>Do not expose containers to source of heat. |

## Section 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

| | |
|---|---|
| *Skin protection:* | Minimize skin contamination by following good industrial hygiene practice.<br>Wearing protective gloves is recommended. Wash thoroughly after handling. |
| *Eye protection:* | Use good industrial practice to avoid eye contact. |

## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| *Appearance, 25°C* | Soft Solid |
| *Color* | Off-white to pale yellow |
| *Odor* | Faint characteristic |
| *Melting range* | 24 – 36 °C |
| *Flash point* | > 200°C |
| *Auto-ignition temperature* | > 200°C |
| *Refractive index* | 1,448 – 1,451 |
| *Solubility* | Insoluble in water. Soluble in other vegetable oils. |

## Section 10 - STABILITY AND REACTIVITY

| | |
|---|---|
| *Conditions to avoid* | No hazardous reactions identified.<br>Product becomes rancid on extended exposure to air. |
| *Materials to avoid* | Strong oxidizing agents. |
| *Hazardous decomposition products* | On combustion, toxic vapors such as carbon monoxide may be produced |

## Section 11 - TOXICOLOGICAL INFORMATION

From information available, this substance is non toxic under normal conditions and is not classified in EEC listing.

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## Section 12 - ECOLOGICAL INFORMATION

| | |
|---|---|
| *Biodegradation* | Expected to be ultimately biodegradable |
| *Fish toxicity* | No data (water insoluble) |
| *Bacterial toxicity* | No data |

## Section 13 - DISPOSAL CONSIDERATIONS

| | |
|---|---|
| *Product* | The disposal should be in accordance with all applicable regulations.<br>Do not discharge into drains, surface and ground water.<br>Do not reject waters of wash in the natural environment or the sewers. |

## Section 14 - TRANSPORT INFORMATION

| | |
|---|---|
| *ADR* | Not classified. |
| *IMDG* | Not classified |
| *IATA* | Not classified |

## Section 15 - REGULATORY INFORMATION

Classification and labelling according to EC 1272/2008

| | |
|---|---|
| No classification | |
| Pictogram | none |
| H phrase (Hazard) | none |
| P phrase (Precautionary) | none |

## Section 16 - OTHER INFORMATION

No classification or hazards labelling under regulation 67/548/EEC

| | |
|---|---|
| *Creation date* : | May 2012; Version n° 001 |
| *Revision date* : | October 2014; Version n° 002 |