

Actually, the designation of jojoba oil as "oil" is completely misleading. As it is a wax with a very low melting point, it is often confused with oil. However, the chemically completely different structure of jojoba oil (jojoba wax) to all other oils makes it so unique. Jojoba oil is liquid at room temperature.

Qualities & Usage

We carry Jojoba oil in the following qualities for you

ArtNr.	Quality	Cosmetics	Food	Pharmaceutics
504031	Jojoba oil (jojoba wax) refined	Yes		Yes
504023	Jojoba oil (jojoba wax) virgin	Yes		Yes
504021	Jojoba oil virgin low odour	Yes		Yes
504124	Organic jojoba oil refined	Yes		Yes
504123	Organic jojoba oil virgin	Yes		Yes
504523	Organic jojoba oil virgin Demeter	Yes		Yes

The oil is similar to human sebum, making it ideal for use on all skin types. Jojoba oil is only suitable for external use as it contains simmondsin, whose direct toxic effect is not yet known.





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Jojoba bush & jojoba seed

Jojoba oil (jojoba wax) is obtained from the seeds of the jojoba bush (Simmondsia chinensis). This belongs to the clove-like plant family. The jojoba bush is considered the most robust plant of its kind. It grows in particularly dry areas and desert regions where conventional agriculture is not possible. Thanks to its tap roots, which are up to 10 metres deep, the jojoba shrub can reach even hard-to-reach groundwater and supplies itself with water. The shrub is extremely frugal and does not need rainwater even during long dry periods, only because it is supplied by its roots. The jojoba shrub reaches growth heights of 0.5 to 3 metres, usually 2.0 to 2.5 metres. It can be recognised by its leathery, evergreen leaves and the light, hard wood and smooth bark. The upright foliage leaves, which are arranged in opposite directions, are divided into a short leaf stem and a leaf blade. Its leaves are 2 to 6 centimetres long and 1 to 2 centimetres wide. The leaves are covered with a layer of wax to protect them from perspiration. They have a life span of one to three years, depending on the humidity conditions.

There are jojoba shrubs with exclusively female and exclusively male flowers, where the female plants stand alone, but the male plants grow together in groups. After pollination of the flowers, it takes about three to six months for the jojoba fruit to ripen. These fruits are nut-like seeds, also called nuts, are wrinkled, brown and their size is similar to that of an olive. They consist of up to 50 percent of the valuable jojoba oil.

It takes up to 4-6 years until the first harvest of jojoba fruits. The maximum yield is 12 years. In a natural environment, the shrubs can live up to 200 years.





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Cultivation & yield

The jojoba bush thrives in semi-deserts and deserts. The jojoba bush is mainly grown commercially in plantations in Argentina, Mexico, USA, Peru, India, Egypt and Israel. The rich jojoba shrub is harvested during the dry season. When the seed capsules are ripe, they dry out and fall off. By shaking the bushes, harvesting is made even easier. Harvesting is carried out by special machines which, like giant vacuum cleaners, suck up the capsules that have fallen to the ground. The harvest is then sifted several times until only the seed capsules remain and are separated from all other foreign matter.

Background / history

The jojoba shrub can be found in the group of useful plants. It was named after the American Indian tribe of the Tohono O'Odham, where it is pronounced "ho-ho-wi" and was then called "ho-ho-ba" by the Spanish. There are also many other trivial names such as wild hazelnut, pork nut, venison nut, sheep nut, goat nut, coffee berry (nut) or lemon leaf. First mentions of jojoba seeds come from Spanish missionaries, in 1716 from the Jesuit Luis Xavier Velarde and in 1769 in the diaries of the Franciscan Junípero Serra. The first commercial cultivation trials were carried out in the USA in 1943. It took until the 1979s before jojoba could establish itself on the market. The indigenous people roasted and boiled the seeds to obtain a buttery ointment which was used as a healing and care product. In 1933 the special consistency of the jojoba oil was recognized; that it is a wax and has an amazing similarity to sperm oil.







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Our packaging

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180 kg Drum			



General durability:

canister 12 months, drum 18 months

Article number: 504031

INCI name: Simmondsia Chinensis Seed Oil

CAS number: 90045-98-0 [für Australien (AICS) 61789-91-1]

Botanical name: Simmondsia chinensis

Usage: Cosmetics, Pharmaceutics

Certificates: NATRUE

Origin: Our jojoba oil comes from the Arauco Desert, La Rioja, Argentina.





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Composition

C18:1 Oleic acid	5 – 15 %
C20:1 Eicosenoic acid	65 – 80 %
C22:1 Erucic acid	10 – 20 %





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Jojoba oil (jojoba wax)

refined



Description

Clear, light yellow to yellow, oily liquid; characteristic odor. Below 10 °C the substance solidifies to a slightly granular, soft mass. Insoluble in water and ethanol; miscible with ether, petroleum ether. Due to its structure (liquid wax from high molecular weight wax esters) jojoba oil is not suitable for consumption.





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Gustav Heess Jojoba oil (jojoba wax) refined

Gustav Heess has been working on the cultivation of jojoba in the Argentinian Arauco desert for several decades. There, ideal conditions were found for the sustainable cultivation of jojoba. Nestled between two mountain ranges with high precipitation, there is sufficient groundwater. The Argentinean desert is up to 50°C hot in summer and cools down to sometimes below 0°C in winter. These temperatures as well as sufficient water are necessary for an optimal development of the jojoba plant. A continuous watering of the plantations in the summer months is therefore essential. Workers on the plantations are busy all year round with the cultivation of new plantations and maintenance of the plantations. In the meantime, over 500 hectares of jojoba are cultivated for us. Since the first plantations, we have maintained intensive contact with the growers throughout the season. Visits on site give us a picture of the expected harvest. After the harvest we determine the price of the seed together with the growers. This price depends on quality and available quantities. The price of the seed, the financing of the contracted quantities and the production costs in the oil mill finally determine our price for our jojoba oil. In 2015, the construction of the new oil mill was completed according to the latest standards. Together with a German plant manufacturer, the latest oil presses were developed especially for gentle processing of the jojoba seed into native jojoba oil.

We use our high-quality native jojoba oil as the basis for our refined jojoba oil. Our many years of experience enable us to refine the jojoba oil (jojoba wax) particularly gently. The refining process is carried out physically without the use of chemical additives. Virgin jojoba oil has a golden yellow colour. During refining, colour and odour are removed, which are not desired in various applications and products. Thanks to its special quality, our refined jojoba oil (jojoba wax) is particularly popular with customers worldwide.





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DNV

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Jojoba oil (jojoba wax)

refined

Usage

- Thanks to its moisturizing properties, it is optimal for daily skin care to combat dryness and chapped skin
- It is used as a liquid wax in all kinds of cosmetic products, including hair care products, sunscreens, soaps, shaving creams, massage and body oils, creams, face masks, and lipsticks
- Gentle and effective for removing makeup without irritating the skin
- Jojoba oil is only suitable for external use, as it contains simmondsin
- Jojoba oil is antibacterial and can therefore help with itching on the scalp in a natural way
- In combination with shea butter, jojoba oil is often used for psoriasis, neurodermatitis or the so-called cradle cap

Cosmetics

Pharmaceutics





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Jojoba oil (jojoba wax)

refined



Sustainability & responsibility

From the very beginning, the aim was to make the desert more fertile and thus create a sustainable basis for the livelihood of the population living there. The cultivation of jojoba bushes requires a long-term commitment of the farmers, as the plants only produce their first harvest after several years. This requires well-trained and experienced agricultural engineers, but also qualified farm workers. These are offered a long-term perspective in their home country. Thus, by careful handling of the available resources and the commitment of the employees, it is possible to produce an exceptional raw material - and this in the long term.





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Our packaging

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180 kg Drum			



General durability:

canister 12 months, drum 18 months

Article number: 504023

INCI name: Simmondsia Chinensis Seed Oil

CAS number: 90045-98-0 [für Australien (AICS) 61789-91-1]

Botanical name: Simmondsia chinensis

Usage: Cosmetics, Pharmaceutics

Certificates: NATRUE

Origin: Our jojoba oil comes from the Arauco Desert, La Rioja, Argentina.





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Composition

C18:1 Oleic acid	5 – 15 %
C20:1 Eicosenoic acid	65 – 80 %
C22:1 Erucic acid	10 – 20 %





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Jojoba oil (jojoba wax)

virgin



Production & description

Jojoba oil (jojoba wax) native is obtained from the ripe seeds of Simmondsia chinensis Schneid. (Buxaceae) by pressing without application of heat. It is produced by cold pressing process. Apart from intensive filtering, nothing is added to the production process.

Clear, light yellow to yellow, oily liquid; characteristic odor. Below 10 °C the substance solidifies to a slightly granular, soft mass. Insoluble in water and ethanol; miscible with ether, petroleum ether. Due to its structure (liquid wax from high molecular weight wax esters) jojoba oil is not suitable for consumption.





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Gustav Heess Jojoba oil (jojoba wax) virgin

Gustav Heess has been working on the cultivation of jojoba in the Argentine Arauco desert for several decades. There, ideal conditions were found for the sustainable cultivation of jojoba. Embedded between two mountain ranges with high precipitation, there was sufficient groundwater available. The Argentinean desert is up to 50°C hot in summer and cools down to sometimes below 0°C in winter. These temperatures are necessary for an optimal development of the jojoba plant. A continuous watering of the plantations in the summer months is therefore essential. The season starts with flowering in August. The first fruit sets in November-December allow estimates for the harvest. The season ends with the harvest in March-April and meanwhile runs with the help of harvesters. Workers on the plantations are busy all year round raising new plantations and maintaining the plantations. In the meantime, more than 500 ha of jojoba are cultivated for us. Since the first plantations, we have maintained intensive contact with the growers throughout the season. Visits on site give us a picture of the expected harvest. After the harvest we determine the price of the seed together with the growers. The price depends on quality and available quantities. The price of the seed, the financing of the contracted quantities and the production costs in the oil mill ultimately determine our price for our jojoba oil. In 2015, the construction of the new oil mill was completed according to the latest standards. Together with a German plant manufacturer, the latest oil presses were developed especially for gentle processing of the jojoba seed. Thus, we guarantee the highest quality requirements according to international specifications and the DAC. Audits and quality controls on site complete our high standard.





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Jojoba oil (jojoba wax)

virgin

Usage

- Thanks to its moisturizing properties, it is optimal for daily skin care to combat dryness and chapped skin
- It is used as a liquid wax in all kinds of cosmetic products, including hair care products, sunscreens, soaps, shaving creams, massage and body oils, creams, face masks, and lipsticks
- Gentle and effective for removing makeup without irritating the skin
- Jojoba oil is only suitable for external use, as it contains simmondsin
- Jojoba oil is antibacterial and can therefore help with itching on the scalp in a natural way
- In combination with shea butter, jojoba oil is often used for psoriasis, neurodermatitis or the so-called cradle cap

Cosmetics

Pharmaceutics





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Jojoba oil (jojoba wax)

virgin



Sustainability & responsibility

From the very beginning, the aim was to make the desert more fertile and thus create a sustainable basis for the livelihood of the population living there. The cultivation of jojoba bushes requires a long-term commitment of the farmers, as the plants only produce their first harvest after several years. This requires well-trained and experienced agricultural engineers, but also qualified farm workers. These are offered a long-term perspective in their home country. Thus, by careful handling of the available resources and the commitment of the employees, it is possible to produce an exceptional raw material - and this in the long term.





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Article number: 504021

INCI name: Simmondsia Chinensis Seed Oil

CAS number: 90045-98-0 [für Australien (AICS) 61789-91-1]

Botanical name: Simmondsia chinensis

Usage: Cosmetics, Pharmaceutics

Certificates: NATRUE

Our packaging

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180) kg Dr	um



General durability:

canister 12 months, drum 18 months





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Composition

C18:1 Oleic acid	5 – 15 %
C20:1 Eicosenoic acid	65 – 80 %
C22:1 Erucic acid	10 – 20 %





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Gustav Heess Jojoba oil virgin low odour

Gustav Heess has long been committed to the cultivation of jojoba plants (Simmondsia chinensis L.) in the Arauco Desert of Argentina, a region that offers ideal conditions for sustainable agriculture. The area is surrounded by two high-precipitation mountain ranges and has plenty of groundwater. Extreme temperatures of up to 50°C in summer and occasional lows below 0°C in winter, combined with water availability, are crucial for the optimal growth of jojoba plants, making continuous irrigation necessary during the hottest months.

The growing season begins in August with the flowering period and the first fruit sets towards the end of the year give an idea of the upcoming harvest. The harvest is initiated between March and April when the fruit discolors and bursts open and is then collected with the help of harvesting machines. Workers are busy all year round planting and caring for the more than 500 hectares of jojoba bushes. We maintain close contact with the growers to gain an insight into the expected harvest throughout the season and jointly determine the prices for the seeds after the harvest, which are based on quality and availability.

In 2015, we completed the construction of a modern oil mill equipped with the latest oil presses, which were developed in collaboration with a German machine manufacturer for the gentle processing of jojoba seeds. These innovations meet the highest international quality standards and guarantee compliance with our strict requirements through regular audits and quality controls. After being pressed, the native jojoba oil undergoes a deodorization process to reduce the odour and is then tested for quality in our inhouse DIN ISO 17025-certified laboratory. Our native, low-odour jojoba oil is particularly popular in the cosmetics and pharmaceutical industries, where a neutral odour is an advantage in order not to impair the effectiveness of other fragrances.





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Usage

- Thanks to its moisturizing properties, it is optimal for daily skin care to combat dryness and chapped skin
- It is used as a liquid wax in all kinds of cosmetic products, including hair care products, sunscreens, soaps, shaving creams, massage and body oils, creams, face masks, and lipsticks
- Gentle and effective for removing makeup without irritating the skin
- Jojoba oil is only suitable for external use, as it contains simmondsin
- Jojoba oil is antibacterial and can therefore help with itching on the scalp in a natural way
- In combination with shea butter, jojoba oil is often used for psoriasis, neurodermatitis or the so-called cradle cap

Cosmetics

Pharmaceutics





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Sustainability & responsibility

From the very beginning, the aim was to make the desert more fertile and thus create a sustainable basis for the livelihood of the population living there. The cultivation of jojoba bushes requires a long-term commitment of the farmers, as the plants only produce their first harvest after several years. This requires well-trained and experienced agricultural engineers, but also qualified farm workers. These are offered a long-term perspective in their home country. Thus, by careful handling of the available resources and the commitment of the employees, it is possible to produce an exceptional raw material - and this in the long term.





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refined





Our packaging

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180 kg Drum			



General durability:

canister 12 months, drum 18 months

Article number: 504124

INCI name: Simmondsia Chinensis Seed Oil

CAS number: 90045-98-0 [für Australien (AICS) 61789-91-1]

Botanical name: Simmondsia chinensis

Usage: Cosmetics, Pharmaceutics

Certificates: analog EU organic





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Composition

C18:1 Oleic acid	5 – 15 %
C20:1 Eicosenoic acid	65 – 80 %
C22:1 Erucic acid	10 – 20 %





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Gustav Heess Organic jojoba oil refined

For decades, we have been dedicated to the organic cultivation of jojoba in the Arauco desert of Argentina, an area with ideal conditions for sustainable agriculture. The desert, surrounded by two rain-rich mountain ranges, offers sufficient groundwater and the extreme summer temperatures of up to 50°C and winter frosts of below 0°C are crucial for the optimal development of the jojoba plants. Regular irrigation during the summer months is therefore essential.

The growing season starts in August with flowering and leads to the first fruits towards the end of the year, which allow the first harvest forecasts to be made. The harvest period extends from March to April and begins when the fruits change color from green to brown and burst open. The workers are busy all year round with the care and cultivation of new plants. We now cultivate over 500 hectares of jojoba.

Through regular visits, we gain an insight into the expected harvest quality and, together with the growers, set the prices for the seeds, which are based on quality and quantity. These factors ultimately also influence our final price for the jojoba oil. In 2015, a new oil mill was completed to the latest standards. Together with a German plant manufacturer, we developed ultra-modern oil presses for gentle processing of the seeds into virgin jojoba oil. The oil is refined physically, without chemical additives, to remove color and odor, which are undesirable for certain applications and products. The entire production process follows strict ecological and social guidelines that ensure both product quality and the preservation of the ecosystem. After it arrives in Germany, we subject our refined organic jojoba oil to a final laboratory analysis in our DIN ISO 17025 certified laboratory to ensure that it meets our high quality and purity requirements.





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DNV

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refined

Usage

- Thanks to its moisturizing properties, it is optimal for daily skin care to combat dryness and chapped skin
- It is used as a liquid wax in all kinds of cosmetic products, including hair care products, sunscreens, soaps, shaving creams, massage and body oils, creams, face masks, and lipsticks
- Gentle and effective for removing makeup without irritating the skin
- Used as a base for ointments and balms to improve consistency and promote skin absorption of active ingredients
- Moisturizer in dermatological products
- Protective film for wound healing Forms a protective barrier that supports healing and prevents infections
- Extends the shelf life of pharmaceutical products without the use of synthetic additives
- In combination with shea butter, jojoba oil is often used for psoriasis, neurodermatitis or cradle cap

Cosmetics

Pharmaceutics











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refined



Sustainability & responsibility

From the very beginning, the aim was to make the desert more fertile and thus create a sustainable basis for the livelihood of the population living there. The cultivation of jojoba bushes requires a long-term commitment of the farmers, as the plants only produce their first harvest after several years. This requires well-trained and experienced agricultural engineers, but also qualified farm workers. These are offered a long-term perspective in their home country. Thus, by careful handling of the available resources and the commitment of the employees, it is possible to produce an exceptional raw material - and this in the long term.





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virgin





Article number: 504123

INCI name: Simmondsia Chinensis Seed Oil

CAS number: 90045-98-0 [für Australien (AICS) 61789-91-1]

Botanical name: Simmondsia chinensis

Usage: Cosmetics, Pharmaceutics

Certificates: analog EU organic

Our packaging

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180 kg Drum			



General durability:

canister 12 months, drum 18 months





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Composition

C18:1 Oleic acid	5 – 15 %
C20:1 Eicosenoic acid	65 – 80 %
C22:1 Erucic acid	10 – 20 %





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Gustav Heess Organic jojoba oil virgin

For many years, we have been involved in the cultivation of jojoba in the Arauco desert in Argentina, a region that is perfectly suited to sustainable agriculture. The area is surrounded by two rain-rich mountain ranges and offers sufficient groundwater. In the Argentinean desert, temperatures climb up to 50°C in summer and occasionally fall below 0°C in winter. These weather conditions, combined with the available water source, are crucial for the optimal growth of jojoba plants.

The growing period begins with flowering in August and the fruit set in November to December allows the first harvest forecasts to be made. The harvest season ends between March and April, when the fruits lose their greenish color and turn brownish. They begin to burst open and are collected using harvesting machines. The plantation workers are busy all year round with replanting and care. We now cultivate over 500 hectares of jojoba bushes. Since the first plantings, we have maintained close contact with the growers during the season. Regular visits give us an insight into the expected harvest, and after the harvest we set the seed price together with the growers, which is based on the quality and available quantities. These factors ultimately influence our selling price for the jojoba oil.

In 2015, our new oil mill was completed to the latest standards. In collaboration with a German plant manufacturer, modern oil presses were developed that enable the jojoba seeds to be processed gently. This ensures compliance with the highest quality standards, which we guarantee through final analyses in our accredited laboratory in Leonberg. The entire production process follows strict ecological and social guidelines, which not only guarantee the quality of the product, but also ensure the protection of the ecosystem.





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DNV

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virgin

Usage

- Thanks to its moisturizing properties, it is optimal for daily skin care to combat dryness and chapped skin
- It is used as a liquid wax in all kinds of cosmetic products, including hair care products, sunscreens, soaps, shaving creams, massage and body oils, creams, face masks, and lipsticks
- Gentle and effective for removing makeup without irritating the skin
- Used as a base for ointments and balms to improve consistency and promote skin absorption of active ingredients
- Moisturizer in dermatological products
- Protective film for wound healing Forms a protective barrier that supports healing and prevents infections
- Extends the shelf life of pharmaceutical products without the use of synthetic additives
- In combination with shea butter, jojoba oil is often used for psoriasis, neurodermatitis or cradle cap

Cosmetics

Pharmaceutics









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DNV

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virgin



Sustainability & responsibility

From the outset, the aim was to make the desert more fertile and thus create a sustainable livelihood for the local population. The cultivation of jojoba bushes requires a long-term commitment from the farmers, as the plants only produce a harvest for the first time after several years. This requires well-trained and experienced agricultural engineers as well as qualified farm workers. They are offered a long-term perspective in their home country. In this way, the careful use of available resources and the commitment of the employees make it possible to produce an exceptional raw material in the long term.





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virgin Demeter





Article number: 504523

INCI name: Simmondsia Chinensis Seed Oil

CAS number: 90045-98-0 [für Australien (AICS) 61789-91-1]

Botanical name: Simmondsia chinensis

Usage: Cosmetics, Pharmaceutics

Certificates: Demeter

Our packaging

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•	gh	-
180) kg Dr	um



General durability:

canister 12 months, drum 18 months





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Composition

C18:1 Oleic acid	5 – 15 %
C20:1 Eicosenoic acid	65 – 80 %
C22:1 Erucic acid	10 – 20 %





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virgin Demeter

Gustav Heess Organic jojoba oil virgin Demeter

For many years, we have been growing jojoba bushes in the Arauco Desert in Argentina, a region that is perfect for sustainable agriculture. Surrounded by two high rainfall mountain ranges, the area benefits from abundant groundwater and extreme temperature fluctuations, with up to 50°C in summer and temperatures below freezing in winter, creating ideal conditions for the jojoba plants to grow.

In cooperation with Demeter, a leading organization for biodynamic agriculture, we rely on holistic cultivation methods that promote the vitality of soil, plants and animals and support the ecological balance. These strict guidelines contribute to biodiversity and sustainable agriculture that prioritizes fair working conditions and environmental protection.

The growing season starts in August with the flowering phase and continues into the harvest season from March to April, when the fruits ripen, turn brown and burst open. Over 500 hectares are cultivated and the intensive exchange with the growers during the season enables us to determine the seed price after the harvest, which influences our final price for the jojoba oil. In 2015, our modern oil mill was completed, which uses oil presses developed together with German engineers for gentle processing of the seeds. The highest quality standards are ensured by regular audits and analyses in our accredited laboratory in Leonberg. The entire production process follows the Demeter standards, which are stricter than the EU organic standards and help to ensure ecological and ethical quality and contribute to sustainable agriculture.





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DNV

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virgin Demeter

Usage

- Thanks to its moisturizing properties, it is optimal for daily skin care to combat dryness and chapped skin
- It is used as a liquid wax in all kinds of cosmetic products, including hair care products, sunscreens, soaps, shaving creams, massage and body oils, creams, face masks, and lipsticks
- Gentle and effective for removing makeup without irritating the skin
- Used as a base for ointments and balms to improve consistency and promote skin absorption of active ingredients
- Moisturizer in dermatological products
- Protective film for wound healing Forms a protective barrier that supports healing and prevents infections
- Extends the shelf life of pharmaceutical products without the use of synthetic additives
- In combination with shea butter, jojoba oil is often used for psoriasis, neurodermatitis or cradle cap

Cosmetics

Pharmaceutics











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Sustainability & responsibility

In cooperation with Demeter, a globally recognized organization for biodynamic agriculture, we promote holistic and sustainable agriculture. Demeter places the highest demands on ecological and social standards and goes far beyond the EU organic guidelines. Demeter's biodynamic methods are based on a closed nutrient cycle, the use of biodynamic preparations and the promotion of soil fertility. These strict guidelines support biodiversity, the preservation of the environment and the promotion of sustainable agriculture.

Demeter attaches great importance to the vitality of the soil, plants and animals and strives to maintain the balance between man and nature. Social responsibility, fair working conditions and the promotion of regional structures are central components of the Demeter philosophy. Demeter's comprehensive standards not only guarantee the highest ecological and ethical quality, but also contribute to sustainable and future-oriented agriculture.





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