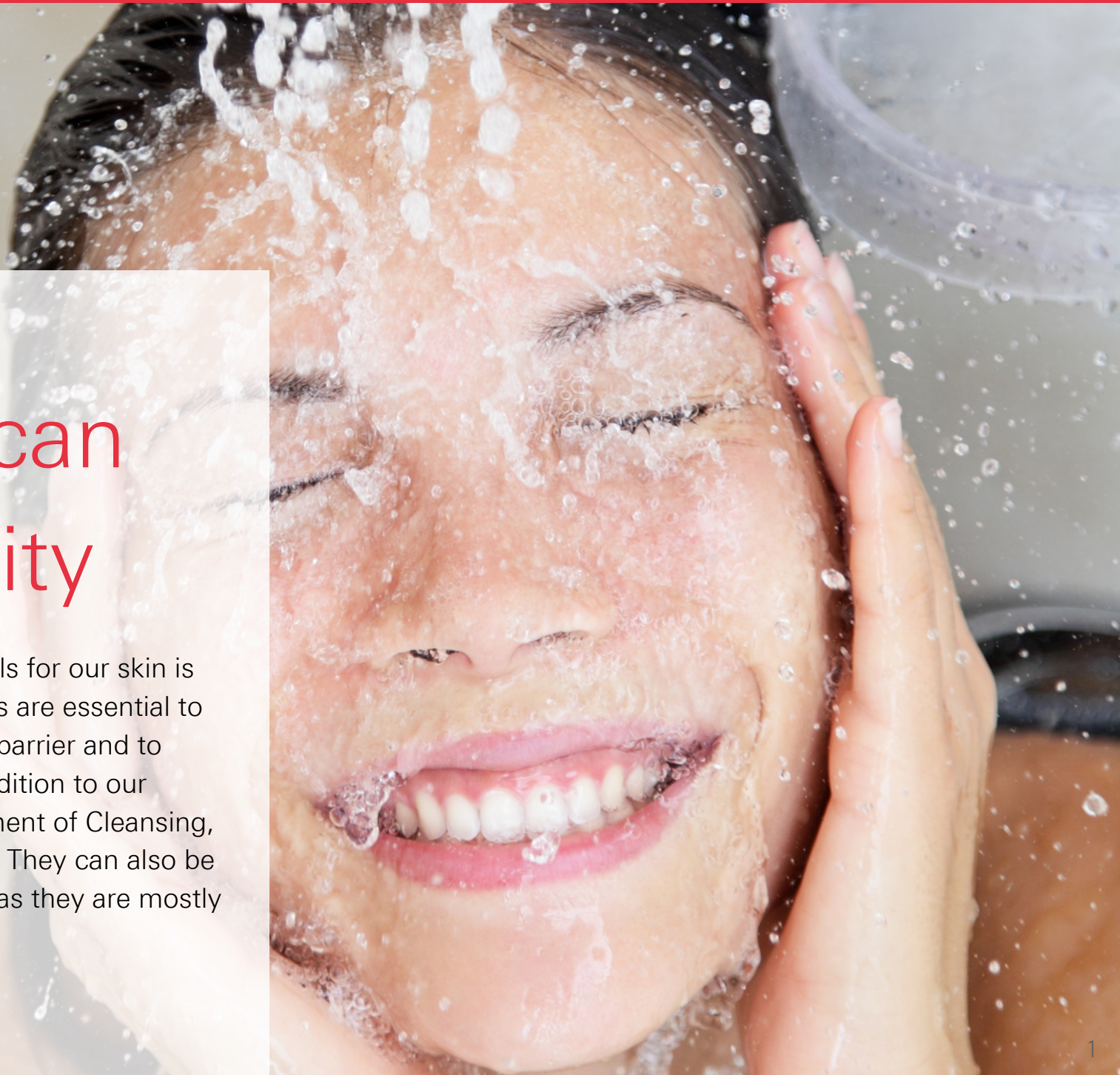


Cleansing Cosmetics

When you can feel the purity

One of the most important care rituals for our skin is its daily cleansing. The right products are essential to maintain its function as a protective barrier and to prepare it for subsequent care. In addition to our nourishing raw materials in the segment of Cleansing, we also offer various peeling bodies. They can also be used in natural cosmetics products, as they are mostly COSMOS and NaTrue compliant.





Natural
ingredient

WorléeAloe

Our WorléeAloe brand eliminates guesswork and uncertainty about product purity and quality while providing supply chain reliability and continuity for modern day customers who are under constant production scheduling time constraints and cost saving pressures.

Our WorléeAloe product range covers freeze- or spray-dried powders as well as liquid concentrates either conventional or organic certified (according to regulation (EC) No. 834/2007 and NOP).

With our unique ethanol-soluble WorléeAloe IF 200x FD (HA) rich in aloe polysaccharides (aloverose) , we offer a special grade of aloe vera which is compatible with high alcohol use levels.

All of our products meet the standards of the International Aloe Science Council (IASC).

Your benefits at a glance:

- ✓ Pure aloe vera without any additives or preservatives, organic and conventional
- ✓ Filleting by hand reduces aloin content
- ✓ Fast processing of leaves post-harvest preserves biological activity and prevents bacterial degradation
- ✓ High polysaccharide content concentrates (from 10% to 80%)
- ✓ Comprehensive technical documentation and regulatory dossiers in compliance with EU legislation for food and cosmetics, which customers need for safety assessment



Natural
ingredient

WorléeJojoba Oil

With our brand WorléeJojoba Oil, we offer you the best quality under the best conditions combined with incomparable service. It complies with NaTrue- and COSMOS-Standard. The organic grades are certified analogue to the Council Regulation (EC) No. 834/2007.

The clear, light yellow jojoba oil is extracted from the mature seeds of the jojoba bush (*Simmondsia Chinensis*) by means of cold pressing and filtration. This fluid is a liquid wax composed of long chain C18-C22 esters from monounsaturated fatty acids.

Additional bleaching and deodorising of the cold-pressed oil (WorléeJojoba Oil Golden) yields a colour- and odourless variant called WorléeJojoba Oil Lite.

The oil is used for hair care, skin care, nail care, in makeup products and bath oils as well as in soaps.

Your benefits at a glance:

- ✓ Hydrates the skin
- ✓ Balances natural oil production
- ✓ Delivers antioxidant protection
- ✓ Has anti-inflammatory effects






Natural
ingredient

WorléeSqualane

WorléeSqualane Olive is a colorless hydrocarbon obtained from olives. The vegetable origin is verified for each batch by isotope determination ($^{13}\text{C}/^{12}\text{C}$). It has a purity level of at least 92% squalane content and is validated according to Ecocert and COSMOS standards. The use of GMO or animal ingredients is deliberately avoided. Due to its natural origin and multifunctionality, it is ideally suited for applications in natural cosmetics. In addition, it picks up on the clean label trend.

Given its high spreading capacity, WorléeSqualane Olive enables emulsions to be spread evenly on the skin and leaves a unique, silky-soft, non-greasy skin feel. Its excellent pigment dispersion properties make it an ideal raw material for the development of make-up formulations. Its texture also makes it highly suitable for supporting the performance of make-up removers. As a result of its oxidation stability, the product is ideally suited for use in natural sunscreen protection formulations. In hair care products, it improves the combability of the hair without weighing the hair down. So a truly multi-talented ingredient!

Your benefits at a glance:

- | | |
|---|---|
|  Colorless and odorless |  Ecocert and COSMOS validated |
|  Good spreadability |  Natural Origin Index of 1 (ISO 16128) |
|  Multifunctional use |  Non-GMO |
|  Oxidation stable |  Vegan |
|  Alternative to synthetic emollients, such as e.g. dimethicone |  Temperature- and pH-stable over a wide range of cosmetic applications |
|  Upcycling product |  Skin-friendly |



Functional
ingredient

WorléeSuspens Eco

WorléeSuspens Eco is the perfect solution for those looking to create sustainable, high-quality cosmetic products. Made from bacterial cellulose obtained through a non-GMO fermentation process, this bio-based suspending agent improves the stability of insoluble ingredients and enhances sensory properties, resulting in a transparent, uniform formulation.

WorléeSuspens Eco creates a three-dimensional network of cellulose fibers, providing yield stress without affecting viscosity. This ready-to-use product is easily incorporated into any formulation with moderate stirring.

Not only is WorléeSuspens Eco environmentally friendly and biodegradable, it is also COSMOS validated and microplastic free. This makes it a great choice for natural cosmetics that prioritize sustainability and high performance.

Your benefits at a glance:

- | | |
|---|--|
| ✓ Stabilization of insoluble ingredients | ✓ IECSC & IECIC listed |
| ✓ Transparency comparable to synthetic suspending agent | ✓ Eco-friendly and biodegradable |
| ✓ Advantageous sensory properties | ✓ Natural Origin Content 99.4% acc. to ISO 16128 |
| ✓ Ready to use and pre-activated | ✓ Non-GMO |
| ✓ Tolerant to pH value, salt and temperature | ✓ Vegan |
| ✓ Complies with COSMOS/Natrue standards | ✓ Not affected by the restriction on microplastics acc. to current ECHA Proposal |
| | ✓ Cruelty free |



Functional
ingredient

WorléeAquaThix

WorléeAqua Thix are liquid rheology modifiers for thickening of cleansing products and skin care emulsions. They enable the suspension and stabilization of particles and emulsions and are cost effective all-in-one polymers for the production of sophisticated formulations.

The products support emulsion stability and suspension of UV pigments in skin and sun care products and improve pigment distribution in color cosmetics, resulting in pleasing aesthetics and high coverage.

Your benefits at a glance:

- ✓ Cold processable
- ✓ Easy to incorporate (liquid)
- ✓ Pleasant sensory
- ✓ China compliant
- ✓ No microplastic
- ✓ Non-GMO
- ✓ Vegan



Functional
ingredient

WorléeOpac Eco

WorléeOpac Eco 10 is a rice wax based opacifier dispersion that is designed for use in rinse-off formulations such as shampoos, shower gels and body washes. It is a natural origin-based alternative to polymers, commonly known as microplastics, which are often used in personal care products. Rice wax is a natural ingredient that is derived from rice bran oil and is considered to be a sustainable and eco-friendly alternative to synthetic ingredients. With a high natural origin content WorléeOpac Eco 10 is an ideal choice for personal care products that are marketed as natural or organic.

Your benefits at a glance:

- ✓ Cold processable
- ✓ Easy to incorporate
- ✓ Similar color impression as a Styrene/ Acrylates Copolymer
- ✓ Excellent temperature and storage stability
- ✓ No microplastic
- ✓ Non-GMO
- ✓ Vegan



WorléeBase

WorléeBase AQ products are prepared pigment dispersions based on an aqueous polymer-pigment mixture. Beside the standard range, we offer tailor-made colors on request.

A simplified application in formulations such as eyeliners, foundations, water-based nail polishes or mascaras is given. Cost saving in terms of process time and equipment are key benefits as well as the high color strength of pigments. WorléeBase AQ products are also free of PEG and emulsifiers

Your benefits at a glance:

- ✓ High color strength for pigments
- ✓ Good batch consistency of color
- ✓ Water-based (no dust, no danger to employee)
- ✓ PEG/EO free
- ✓ old processing, easy addition without grinding or dispersing of the pigments
- ✓ Reduces process time and equipment, huge cost savings
- ✓ FDA certified or exempt from FDA certification

Colors:





WorléeBeads

WorléeBeads are made of jojoba wax, castor wax or cellulose and different colour pigments. They are characterized by their high sphericity and very low particle size distribution which leads to a better representation in the formula. Application areas are rinse-off products for facial cleansing and for body exfoliation. WorléeBeads can be used in the field of green cosmetics and offer a sustainable alternative to conventional exfoliants, since they are predominantly NaTrue-compliant.

Your benefits at a glance:

- ✓ Different sizes and colors
- ✓ Made in Germany
- ✓ Biodegradable
- ✓ Non-GMO
- ✓ Originated from natural and renewable sources

Colors and Sizes:

WorléeBeads CELL are available in standard particle size 150 – 250 µm (60/100 Mesh).*



WorléeBeads HCO are available in standard particle sizes 250 – 850 µm (20/60 Mesh), 250 – 425 µm (40/60 Mesh), 150 – 250 µm (60/100 Mesh).*



All WorléeBeads Jojoba are available in standard particle sizes 250 – 850 µm (20/60 Mesh) and 250 – 425 µm (40/60 Mesh). Snow white is also available in 150 – 250 µm (60/100 Mesh).*



*The colors here may differ from the original. Please contact cosmetics@worlee.de for more information.

** Only available in 150 – 250 µm (60/100 Mesh).

Scrubs



WorléeScrub

The new natural scrubs are made from olive stones, which are ground into powder after drying. The stones are not irradiated, but gently processed by steam sterilization.

WorléeScrub Olive is available in fine (300 µm) and coarse (500 µm) form and can be used accordingly for the production of face and body cosmetics to obtain an abrasive effect. As the product is of purely vegetable origin, it is ideally suited as a sustainable alternative to plastic granulates in the processing of vegan or anti-allergic cosmetics.

Your benefits at a glance:

- ✓ Upcycling product
- ✓ Natural granules from renewable raw materials
- ✓ Alternative to plastic or synthetic granules
- ✓ Suitable for the production of anti-allergic cosmetics
- ✓ Cleaner look of formulation through brighter sand color of scrub
- ✓ Natural Origin Index of 1 (ISO 16128)
- ✓ Non-GMO
- ✓ COSMOS validated
- ✓ Vegan

Scrubs









WorléeSoft Beads

Our popular WorléeSoft Beads are ready for use in your leave-on or rinse-off products. Our visually appealing particles are available in different hardness grades and sizes (S, M, L).

Aqueous formulations in particular benefit from the option of special composition as a solid formulation, as the particles soften on their own during application.

WorléeSoft Beads are mainly made of natural and renewable raw materials, are GMO free and mostly COSMOS and NATRUE compliant (size S is COSMOS validated). This also allows the use in natural cosmetics (NOC of min. 97%).

Your benefits at a glance:

- | | |
|---|---|
|  Visual effects create a purchasing incentive for customers |  Free of preservatives |
|  Active ingredients, colors, degrees of hardness, and sizes according to customer wishes |  Non-GMO |
|  More than 97% Natural Origin Content according to ISO 16128 |  Vegan |

Colors and Sizes:

Worlée Beads HCO are available in standard particle sizes S (500- 1.000 µm / 18-35 Mesh), M (500- 1.000 µm / 18-35 Mesh), L (1.000- 1.600 µm / 12-18 Mesh).



Colored particles

Let's work together!

You are interested and need further information?

Feel free to contact us.

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