



# Consumer Goods



THINKING OF TOMORROW

# Commitment since 1884

Omya was founded in 1884 in Oftringen, Switzerland, under the name Plüss-Staufer. Gottfried Plüss and his father-in-law Adolf Staufer produced glazing putty by combining fine chalk with linseed oil. From the very start, the forefathers of Omya were committed to supplying the highest quality.

To keep their pledge, they soon acquired a chalk quarry in France and built their own chalk powder mill in Oftringen. These long-standing traditions are still valid today.

A second chalk quarry at Omeu, France, led to the Omya brand name at the turn of the 20th century. A strict focus on customer needs quickly let the business expand in Switzerland and beyond.

Continuous innovation, stable ownership and a consistent long-term focus set the scene for the company's international expansion. High quality products and excellent customer relationships have made Omya a highly regarded global brand.

# About Omya

Omya is a leading global producer of industrial minerals, mainly mineral additives and pigments derived from Calcium Carbonate and dolomite, and a worldwide distributor of specialty chemicals.

Committed to implementing the principles of sustainability at all company levels, Omya provides value-added products and services from responsibly sourced materials to meet the essential needs of current and future generations.

Omya provides a wealth of product solutions and services that contribute to its customers' competitiveness and productivity in multiple industries:

**AGRICULTURE & FORESTRY**

**CONSTRUCTION**

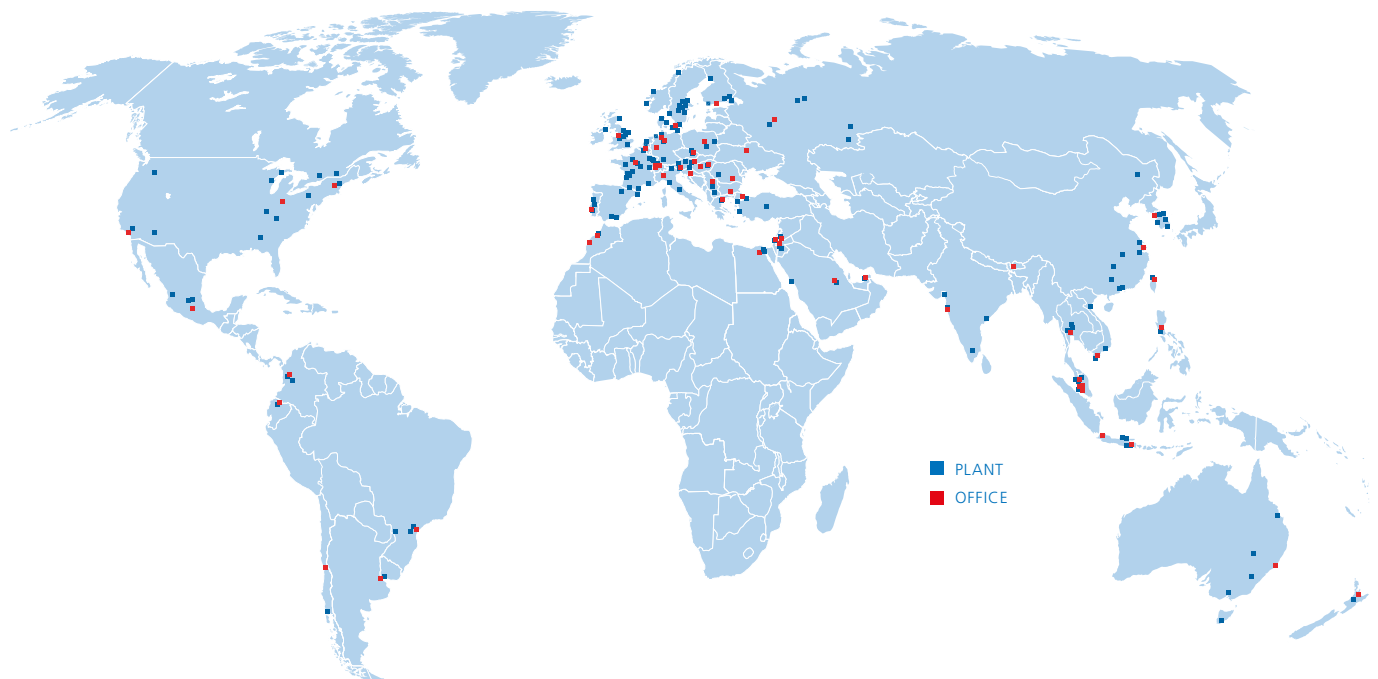
**CONSUMER GOODS**

**PACKAGING**

**PRINTING & WRITING**

**TECHNICAL POLYMER APPLICATIONS**

**WATER & ENERGY**



**Omya is present around the globe with 8,000 employees at more than 175 locations in over 50 countries.**

# Thinking of Tomorrow

**Omya values long-lasting relationships more than short-term results.**

**The company's promise »Thinking of Tomorrow« is based on three commitments:**



## CUSTOMER CARE

Serving our customers is the core value of the Omya brand. We are committed to exceeding our customers' expectations every day. Our teams of sales, technical and regulatory staff have a deep understanding of local markets and requirements.

They provide a uniformly high level of care for our business partners around the world. Our customers can rely on the highest quality of products, delivered to their premises within the agreed time. Whenever needed, they can count on the technical advice from our dedicated team of scientists and engineers; Whether for assistance with implementation, comprehensive lab analysis or reformulation support. Reliability, commitment and quality are the values we trust to establish long-lasting partnerships.



## INNOVATION

For Omya, innovation is much more than delivering new products to the market. Being placed at the very start of the value chain, we contribute to our customers' success through a process of co-creation, providing solutions that really work and pay off. Our value-creation is based on the multi-decade experience of our experts who are used to bring science into practice. Omya's innovations are designed to differentiate our customers' products from their competition and to create new value propositions.



## SUSTAINABILITY

Driven by our vision and our strong value-led corporate culture, we take on our role as a partner for a sustainable future, understanding the importance of our actions and our responsibility towards nature and society. At Omya, we take a full life-cycle perspective of our products and services and their contribution to society. Translating our customers' requirements into sustainable solutions with added value, we commit ourselves to sustainable business principles throughout the entire organizational structure – from mining and processing to management. We combine experience with innovation to minimize environmental impact, optimize logistics and ensure a safe and stable work environment for our employees.





**Sustainability  
is the key to  
future success  
on our journey  
of achieving our  
objectives**



## SUSTAINABILITY

Carbon footprint of  $\text{CaCO}_3$

**62** kg of  $\text{CO}_2$  equivalents  
emitted per ton of natural ground  
Calcium Carbonate<sup>1)</sup> produced

<sup>1)</sup> Typical grade for plastic applications SOURCE: IMA, EU27 energy mix; based on production capacity mix.

# High-purity Minerals & Specialty Ingredients

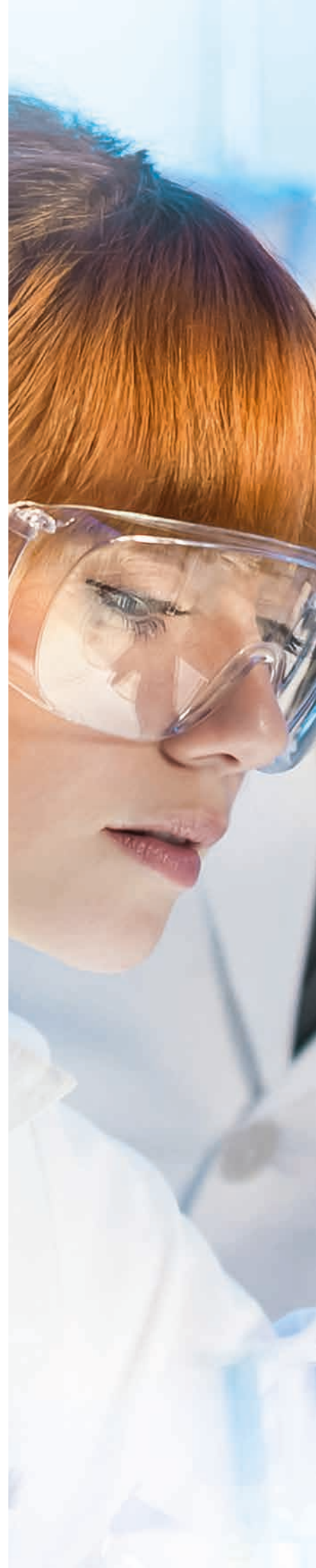
## ADDING VALUE FROM PROCESSING TO CONSUMPTION

To serve the specific needs of various consumer goods industries, we are continuously seeking innovative solutions that offer advantages in processing, provide efficiency gains and add value for consumers.

Omya combines advanced mineral technology and expertise of more than 130 years with a broad portfolio of ingredients. Our solutions are based on high-purity natural minerals and complementary ingredients meeting the most stringent regulatory and quality standards.

## CENTERING ON CUSTOMERS & CONSUMERS

Omya goes beyond its customers' expectations to fulfil even the most challenging demands. With our highly skilled technical team, dedicated installations and carefully selected ingredients from our extended portfolio, we are able to serve our partners in creating new value propositions all along the value chain.

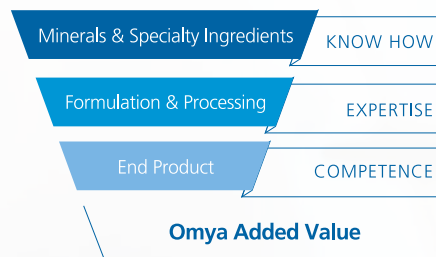




## PUSHING BOUNDARIES

### **Our innovations boost established formulations and open up new markets**

At Omya, we relentlessly push the boundaries of common mineral applications to introduce novel functionalities and open up new markets through innovative formulations and new technologies. Our expertise enables us to address all aspects of the supply chain from specifying and sourcing the best ingredients to supporting logistics, formulation, and processing through to the final product.



Functional minerals produced by Omya are classified as renewable material from natural sources according to ISO 14021. They significantly enhance processes, improve formulas and differentiate final goods at consumer level.

Process improvements

Added value on end products



Cost efficiency

Sustainability advantages



# Technical Service

## SOUND ADVICE & STATE-OF-THE-ART FACILITIES

For decades, Omya has cultivated a tradition of focused and dedicated technical service. We support customers worldwide with market-oriented advice to help them customize their products to local demands. As a global player, our innovative solutions take into account different regional needs.

State-of-the-art service labs and facilities, including analytics, microscopy, microbiology, quality control and regulatory affairs management provide additional support and troubleshooting. Our lab methods include electron microscopy with elemental analysis, optical and near-field laser microscopy, spectroscopy, trace element analysis, chromatographic characterization as well as crystallographic analysis.



## CUSTOMER CARE

We provide tailored advice on formulations and solutions to our customers around the globe as well as technical training tailored to the requirements of their employees.

In our technical service laboratories at our Swiss headquarters, we are ready to take the challenge and demonstrate the performance of our ingredients in customer-specific formulations for all consumer goods.





PERSONAL CARE

FOOD & PET FOOD

PHARMA & NUTRA

SANITARY & HYGIENE

HOME CARE



## INNOVATION

### **Multifunctional minerals for Oral Care**

Based on proprietary technology, Omya developed a new generation of multifunctional minerals: Omyadent® 100-OG, designed for oral care applications, is a potent source of calcium and phosphate. With its core of calcium carbonate and a shell of hydroxyapatite, Omyadent® 100-OG mimics the mineral composition of teeth. Its high reactivity leads to an efficient remineralization of the enamel and repairs microscopic teeth defects. At the same time, Omyadent® 100-OG smoothes and whitens the surface of the teeth.

# Personal Care

Omya offers tailor-made solutions that address the specific needs of the cosmetic industry. Omya Calcium Carbonate is a natural and renewable ingredient bringing multiple benefits to color cosmetics, skin-care products and oral care applications. They are produced under clean and controlled manufacturing conditions, compliant with international regulatory standards.

## Oral Care

Omya offers a wide range of functionalities that fulfill today's consumer requirements. The right selection of Omya Calcium Carbonate grades allows to accurately fine-tune abrasivity and control cleansing power. Our innovative functionalized Calcium Carbonates provide desensitization, remineralization, repairing effect and a whiter enamel appearance.

## Skin Care

Omya Natural Calcium Carbonates can be incorporated into a variety of skin care product emulsions and anhydrous formulations. They provide smoothness and a pleasant skin feel, reduced tackiness and faster drying. In granular form, Omya Calcium Carbonates are added in face or body scrubs replacing plant-based options and PE-beads.

## Color Cosmetics

The brightness and opacity of Omya high-purity Natural Calcium Carbonates make them suitable for use in decorative cosmetics such as lipsticks, foundations, blush and eye shadows. They adjust the product's coverage ability and provide a mattifying effect through sebum absorption.

## Benefits

### ORAL CARE

- *Gentle cleansing*
- *Remineralization & repair*
- *Whiter appearance*

### SKIN CARE

- *Skin-feel control*
- *Environmentally friendly*
- *ECO-certified*

### COLOR COSMETICS

- *Effective opacifier*
- *Texturizer*
- *Mattifier*



## Specialty Ingredients

### RELIABLE PARTNERS

Our principals entrust their representation and distribution activities to us. This is the best recognition we can achieve.

FOR PERSONAL CARE APPLICATIONS WE OFFER:

- *Film formers & rheology modifiers*
- *Natural colors & effect pigments*
- *Substantiated actives*
- *Emulsifiers & emollients*
- *Surfactants*
- *Natural abrasives*
- *UV-filters*



# Food

Omya high-purity Natural Calcium Carbonate is a well-established source of calcium to fortify baby food, beverages, cereals and baked goods. Gum-bases and chewing gum coatings benefit from its excellent opacity and whiteness. In icings it additionally helps to reduce sugar content. Food manufacturers value Omya Calcium Carbonates as extrusion aid or effective anticaking and free flowing agents.

## Cereals

In snacks or extruded cereals, Omya Natural Calcium Carbonate helps to improve the fineness of the texture. In addition, the crispness of extruded cereals is improved by up to 45%. Cereals produced with Omya Natural Calcium Carbonates are described as crispy, light and fluffy.

## Fortified Drinks

With the ongoing growth of vegan lifestyles and an increasing focus on food intolerances, the demand for alternatives to cow milk continues to rise. Omya Calcium Carbonates are optimal to fortify non-dairy drinks as well as powder instant beverages. Thanks to its high bioavailability, only low doses are needed to boost calcium levels.

## Confectionary

Confectionary products typically contain high sugar levels. Omya Calcium Carbonates can be formulated into the coating to replace sugar and reduce calorie intake. Their whitening and opacity properties make them also suitable as a filler in gum-base.



### Baked Goods

Omya Calcium Carbonates are the perfect match for products that are desired to be healthy, such as snack bars and breakfast cookies. The high calcium content of Omya products strengthens their positioning in nutritional health. Current research shows that calcium carbonate directly reduces acrylamides during the baking process. When added to powder bakery compounds calcium carbonate provides a free flowing and anticaking effect.

## Benefits

- *Efficient  $\text{Ca}^{2+}$  source*
- *Anticaking & free flowing agent*
- *Bioavailability*
- *White pigment*
- *Reduction of acrylamides*

## Pet Food

Calcium provides many health benefits including bone building, teeth remineralization, muscular growth, and normal blood clotting. Regular intake of calcium is important for all mammals. Omya high-purity Natural Calcium Carbonates are the preferred calcium source for pet nutrition. They additionally act as an inert carrier for vitamins and nutrients. Their high effectiveness in boosting calcium elemental levels allows for low dosing which minimizes the impact on formulas in terms of texture and taste.



## Specialty Ingredients

### VALUABLE SYNERGISTIC EFFECTS

Our principals entrust their representation and distribution activities to us. This is the best recognition we can achieve.

FOR FOOD & PET FOOD APPLICATIONS WE OFFER:

- *Flavour enhancers*
- *Natural food colors*
- *Sweeteners*
- *Antioxidants*
- *Carotenoids*
- *Vitamins A-Z*
- *Natural preservatives*



## Pharma & Nutra

Omya offers functional and innovative solutions to the pharmaceutical and nutraceutical markets. As an active ingredient, Omya high-purity Calcium Carbonates are an established source for calcium supplementation and stomach acid neutralization.

Omyapharm® is a CPhI award winning excipient platform for oral solid dosage forms, based on Omya's structured minerals portfolio. Indeed, Omya ensures full regulatory compliance of all its products.



### *Specialty Ingredients*

#### VALUABLE SYNERGISTIC EFFECTS

Omya is a one-stop-shop for vitamins, botanical extracts, mineral-based actives and excipients and other tableting aid ingredients.

## Active Ingredients

### **Osteoporosis & calcium supplementation**

Omya Calcium Carbonate is a high-purity calcium source with 40% of bioavailable calcium. This makes it a sought-after ingredient for calcium supplementation formulas to treat e.g. osteoporosis, a significant public health issue in today's aging populations.

### **Antacids**

Omya high-purity Calcium Carbonates are used as active ingredient for neutralizing stomach acid in many antacid formulations currently on the market.



## INNOVATION

### Keeping the competitive edge in Pharma & Nutra

Omya continues to build on its already leading calcium carbonate expertise with extensive research & development. New facilities and equipment endorse our commitment to innovation. Our team of pharma experts work on new functional mineral structures that are tailor-made for specific applications, striving to continuously optimize existing products to meet the changing needs of the industry. With our new lab for solid dosage forms Omya is able to provide specific formulation services. In new product development projects, we collaborate directly with partners in the pharmaceutical and nutraceutical markets. Current success stories include formulations of orally disintegrating tablets for osteoporosis treatment. They are proof of Omya's commitment to continuous innovation in the pharmaceutical and nutraceutical market.

## Excipients

### Wet & dry granulation

Omya mineral excipients drastically reduce the amount of binder needed or avoid it altogether and thus significantly improve wet and dry granulation processes.

### Fast disintegration & ODTs

Omyapharm® structured minerals produce granules and tablets that combine high mechanical strength and fast disintegration.

### Direct compressibility

Omyapharm® structured minerals enable high tensile strength tablets at lower compressive pressures compared to other excipients.

### Carrier & enhanced drug dissolution

Omyapharm® products offer a high drug loading capability and help to improve drug dissolution.

## Benefits

- *High-purity natural calcium source*
- *Grades for direct compression*
- *High drug-loading capability*
- *Dissolution enhancement*
- *High mechanical strength & fast disintegration for ODTs*



# Sanitary & Hygiene

The sanitary and hygiene markets profit from our extensive knowledge of the benefits of calcium carbonate in polymer applications. With its breathable film technology, Omya pioneered materials with controlled permeability and improved thermal stability in processing. Omya furthermore offers solutions for calcium carbonate based spray coating in order to add skin care functionality to diapers.

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## *Benefits*

- *Brightness*
- *Softness*
- *Absorption*
- *Improved skin feel*
- *Environmentally friendly*





 enhanced  
by Omya



enhanced  
by Omya

# Home care

Thanks to their proven functionality, the home care and professional cleaning industries have used calcium carbonate for many years. They are well established in abrasive cleaners, such as surface scouring creams and powder cleaners, or as fillers and color agents in solid soap bars. Depending on the desired product application, innovative formulations will customize the particle sizes and purity of calcium carbonates to adjust their performance. Typical advantages are reduced cost and perfect whiteness. Omya Calcium Carbonates provide excellent sorption properties, adjustable abrasivity and a good polishing ability. Moreover, they are environmentally friendly active ingredients. Omya offers a reliable distribution portfolio that completes the home-care product range. It includes leading solutions from surfactants to foaming agents and many more.

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## *Benefits*

- *Adjustable abrasivity*
- *White & pure*
- *Cost effective*
- *Environmentally friendly*



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## *Specialty Ingredients*

### PARTNERSHIPS FOR GROWTH

Omya closely cooperates with leading chemical brands to introduce the latest product developments.

FOR HOME CARE APPLICATIONS  
WE OFFER:

- *Bleaching agents*
- *Surfactants*
- *Descaling agents & acids*
- *Rheological modifiers*
- *Effect pigments*
- *Oleochemicals*

## Omya Consumer Goods

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THINKING OF TOMORROW

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