

**For the press**



## **Omya mineral solutions: Easy formulation with multiple benefits**

**CPhI 2023, Booth 5C21: Omya presents innovative excipients for ODTs and nutraceuticals**

**Oftringen (Switzerland), September 2023 – Manufacturers in the field of pharma and nutraceuticals can step into a new era of uncomplicated and future-proof formulation: With the Omyanutra® range, Suisse mineral expert Omya offers advanced excipients to overcome the challenge of producing stable and fast disintegrating oral tablets (ODTs) and powders. The raw material is sourced from the company's high-purity minerals and treated with patented technology. Thus, the natural mineral particles gain a new porous and lamellar structure that improves tablet compactibility, while significantly reducing disintegration time. For this year's CPhI in Barcelona, the company has prepared several prototype concepts and will showcase its service and support capabilities for manufacturers.**

Dissolution properties, shelf-life stability, exposure to environmental challenges such as oxygen, light, humidity, and high or low temperatures are just a few of the difficulties faced by manufacturers in the creation of orally ingested products. The high number of active ingredients and the use of trending actives which are often only poorly compactable can make tableting tricky. The Omya ingredients range, however, helps facilitate the process: the company's excipients are appropriate tablet processing aids that optimize compressibility and disintegration time of the formulation. Available as free-flowing granules, Omyanutra® 300 DC is ideal for direct compression, while Omyanutra® 300 Flash – supplied with a super-disintegrant – is a perfect all-in-one solution for powders and tablets. In addition, Omya will present Omyapharm®, an innovative flow aid and anti-caking mineral that also provides high mechanical strength and fast disintegration of tablets. Thanks to its high porosity, Omyapharm can also be used for absorbing liquid active pharmaceutical ingredients (APIs) so that they can be formulated into solid dosage forms, thus acting as a carrier.

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The showcased portfolio at CPhI will also include the natural white pigment solution Omyapure® and the calcium APIs Omya Calcipur® and Omya-Cal®, both valuable components for calcium supplementation, antacids and bone health.

Several prototypes underline the benefits of the Omya product range:

- *B<sub>12</sub> Flash* is an ODT based on the excipient Omyanutra® 300 Flash in combination with vitamin B<sub>12</sub>, which provides fatigue relief.
- *ActivFresh* contains mint oil loaded onto Omyanutra® 300 DC pores, which allows the oil to be conveniently incorporated into the tablet formulation while achieving good mechanical stability, and ideal disintegration time for a lozenge formulation.
- *BoneBoost* is a chewable tablet concept with Omyapure® as the active ingredient along with vitamins K<sub>2</sub> and D<sub>3</sub> from the company's distribution portfolio.
- Finally, *L-Theanine Flash ODTs* with apple and mint flavours can quickly and effectively ease anxiety while counteracting oxidative cellular stress.

Stefan Lander, Vice President Consumer Goods, Group Sales & Marketing at Omya, says:

“Drawing on more than 130 years of R&D, Omya is an expert in the characteristics of its raw materials and the development of functional ingredients with added value. We combine our knowledge of mineral particles with a huge portfolio of distribution products and a comprehensive service approach to manufacturers. This enables the development of futureproof finished products that are natural, effective and easy to process.”

The company's experts will be available during CPhI 2023 to offer insights and opportunities for holistic solutions that address current market demand.

### About Omya

Omya is a leading global producer of industrial minerals – mainly derived from calcium carbonate, dolomite and perlite – and a worldwide distributor of specialty chemicals. The company provides a wealth of innovative

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product solutions that contribute to its customers' competitiveness and productivity in multiple industries such as Construction, Paper & Board, Polymers, Food and Personal & Home Care. Omya further provides Environmental Solutions targeting the agriculture, water and energy markets. Founded in 1884 in Switzerland, it has a global presence extending to more than 160 locations in over 50 countries with 9,000 employees. Committed to implementing the principles of sustainability at all company levels, Omya provides added value products and services from responsibly sourced materials to meet the essential needs of current and future generations.

[www.omya.com](http://www.omya.com)

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