

DuPont reveals cutting-edge solutions for Pharma Excipients at CPhI China

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Showcasing a full range of ground-breaking oral solid dosage solutions, DuPont looks to set industry standards with exciting innovations



DuPont Nutrition & Biosciences, a business unit of DuPont Specialty Products, is going to showcase a comprehensive portfolio of pharmaceutical solutions at CPhI China 2019 in Shanghai International Expo Center from June 18 to June 20. The innovative range will address some of the most crucial drug formulation challenges currently faced by the industry.

Living up to this year's event theme "Health by Innovation", DuPont will share insights into formulation research, regulatory compliance, process improvement and process safety for biopharmaceutical products at a mini talk event attended by its existing and potential clients.

DuPont draws from the legacy of strong excipient suppliers Dow and FMC, to offer leading product brands and a one-stop technical and regulatory powerhouse that customers can rely on. The solutions not only address the tough challenges faced in pharmaceutical applications, but also enhance drug delivery performance and productivity.

Innovative Solutions for Growing Challenges

Powered by its rich expertise and international expertise, DuPont has positioned itself as a go-to supplier for excipients and active pharmaceutical ingredients, as well as supplement delivery solutions to meet evolving market needs. Its capabilities include a series of innovative excipients and in-depth processing technology, tailored for more effective and easily soluble drugs. DuPont solutions can be customized for better, varied tastes. DuPont also offers a range of soft and hard capsule solutions, all from renewable, plant-based resources.

At CPhI China 2019, DuPont will showcase features such as solubility enhancement, sustained release, as well as delayed or immediate release. The range includes:

- METHOCEL™ DC2: It achieves superior process control with fewer production steps and less waste. With improved flow, faster and consistent tableting speeds, it greatly enhances overall production efficiency.

- Avicel® SMCC: This is an example of how DuPont has applied its extensive manufacturing and applications expertise to develop cutting-edge, co-processed excipients. With improved powder flow, content uniformity and tablet compactability, Avicel® PH microcrystalline cellulose and its compounds keep pace with market movements and technological upgradation.

Another technology showcased by DuPont at this show is SeaGel®, a tailored innovative solution which is highly aligned with the nutraceuticals market trends: clean, effective and attractive. This patented, environmentally-friendly technology enables sustainable in-house manufacturing of plant-based soft capsules. The SeaGel® capsules have thermal and PH stabilizing properties and superior consumer appeal, providing an elegant and easily ingestible vegetarian alternative to gelatin.

Against the backdrop of growing need of pharmaceutical companies to streamline processes and improve efficiency, the company also highlights its continuous manufacturing with the binary mixture of excipient composite and API that are easier to set up, run, monitor, and clean than using the individual ingredients. The technology has a great potential to simplify and accelerate production.

“This year at the CPhI, we seek to raise awareness about our long and proven technical expertise to help businesses and benefit customers. Our rich portfolio of diverse solutions and offerings delivers a wide range of effective ingredients essential to our customers’ success in the pharmaceutical industry. Our pioneering products reach far and wide — delivering better results for all,” said Rina Chokshi, Global Commercial Marketing Leader of Pharma Solutions at DuPont Nutrition & Biosciences.

Pavel Fokin, Global Commercial Director of Pharma Solutions at Nutrition & Biosciences added, “These days, pharmaceutical companies face increasing quality and regulatory requirements that hold back the development of new, pharma-specific excipients. This exhibition gives us the opportunity to directly connect the customers with our scientists, facilitating customized solutions and unique formulations for various process needs. In combination with other technical services and support, we aim to help the industry players to receive faster, easier approvals for their excipients.”

During the show, there is an array of real-world DuPont products and solutions on display. This gives people the opportunities to see first-hand what strengths and benefits these solutions will provide. Meanwhile, several mini talks will be held on the booth to give the audience a better and deep understanding of how innovative these solutions are.