

Media Release

Clariant Expands Range of FDA Compliant Rigid Desiccant Cards for Healthcare Packages

- **Flat desiccant options for diagnostic devices, powders, foods**
- **Printable ADP® Plate desiccant cards for dry packages**
- **Dri-Card calcium chloride desiccants for moisture control**

Muttenz, June 11, 2019 – Today, Clariant announced a new flat-profile molecular-sieve desiccant, ADP Plate, along with an expanded line of Dri-Card laminated-film desiccant cards. Both products are FDA compliant.

Developed by the Clariant Healthcare Packaging business line, the new products are being unveiled at the Clariant Chemicals (China) Ltd. Booth (#N5D30) at the 2019 CPhI China trade show, held June 18-20 at Shanghai's New International Exposition Centre (SNIEC).

Flat-profile desiccant cards are needed for package moisture control when pouch-style desiccant sachets do not fit (e.g. in flat packages/packets), in food or other products where package surfaces are flat, or in scoopable/mixable powder products, where desiccant sachets can be difficult to see and to separate out of powder stirred into a beverage.

New ADP Plate desiccants offer very high moisture protection for medical and diagnostic devices, pharmaceutical and nutraceutical powders, and other package ingredients that require a very dry package environment. They feature injection-molded plastic cards embedded with highly adsorbent molecular sieve desiccant. Available in a standard 85 mm x 53 mm x 1.6 mm size or in custom sizes, these low-profile cards fit neatly into flat packages and reduce significantly the risk of desiccant leakage. This format also offers unique branding options, enabling customers to specify custom colors or messages that can be applied using ink-free laser markings during the manufacturing process.

The company's expanded line of Dri-Card desiccants, which are comprised of calcium chloride desiccant laminated between colorful, bright orange film layers, offer another flat-profile option for moisture-controlled packages containing powdered, confectionary, and food products. They are available in five standard sizes from 25 mm x 50 mm up to 85 mm x 85 mm, as well as custom sizes.

“For the applications like sports nutrition powders, food and spice powders, and any especially flat packages, the expanded flat profile desiccant options can help customers improve their packaging and product appeal,” says Mark Florez, Head of Product Development and Application for Clariant Healthcare Packaging in North America.

“In powdered products, ADP Plate and Dri-Card can help support organic claims by preventing clumping without the use of non-organic anti-agglomerates and anti-caking agents.” Florez adds that both products are manufactured in pharmaceutical desiccant plants that meet the applicable GMP requirements.

Clariant assists customers in choosing the ideal option based on the product application. For additional information about ADP Plate and Dri-Card desiccants, as well as other pharmaceutical and healthcare packaging products, contact Clariant at clariant.com/healthpack.



ADP Plate. (Photo: Clariant)



Dri Card. (Photo: Clariant)

New, printable ADP Plate molecular sieve desiccant cards (top) and colorful Dri-Card calcium chloride desiccant cards from Clariant Healthcare Packaging offer new moisture protection options for package designers. Both are now available worldwide and are produced under the applicable GMP requirements.

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Clariant is a focused and innovative specialty chemical company, based in Muttenz near Basel/Switzerland. On 31 December 2018 the company employed a total workforce of 17 901. In the financial year 2018, Clariant recorded sales of CHF 6.623 billion for its continuing businesses. The company reports in four business areas: Care Chemicals, Catalysis, Natural Resources, and Plastics & Coatings. Clariant's corporate strategy is based on five pillars: focus on innovation and R&D, add value with sustainability, reposition portfolio, intensify growth, and increase profitability.

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