

Kemin Industries Launches Revolutionary Product to Enhance Biosecurity in Animal Feed and Global Food Supply

PROSIDIUM™ debuts as a novel solution to control pathogens that can lead to foodborne illnesses, including viral challenges in poultry and swine production

SINGAPORE , March 11, 2025 /PRNewswire/ -- Kemin Industries, a global ingredient manufacturer that strives to sustainably transform the quality of life every day for 80 percent of the world with its products and services, today launched a new feed pathogen control solution, PROSIDIUM™ at VIV Asia in Bangkok, Asia's largest feed and animal production tradeshow.

Designed to help raw material and animal feed producers to produce safe animal feed, PROSIDIUM™ is based on powerful and novel peroxy acids and has undergone several years of research and development. This unique and patent pending feed pathogen control solution was innovatively designed to help the industry mitigate risks from *Salmonella* and viruses and increase the standard to produce clean and safe feed and food.

"As the world population grows, more feed is needed to raise healthy livestock and poultry. PROSIDIUM™ is the culmination of our extensive research and innovative chemistry to create a powerful solution to safeguard feed biosecurity," said Dr. Chris Nelson, President and CEO of Kemin Industries. "For decades, the feed industry has had two chemical options to manage feed biosecurity, primarily consisting of blends of organic acids or formaldehyde. PROSIDIUM™ combines the effective attributes of both and is a new, groundbreaking antimicrobial solution for the industry."

Inspired by the Latin word "praesidium," meaning protection or defense, PROSIDIUM™ creates a new antimicrobial class for the industry. It is based on peroxy acids, which break up the cell membrane of pathogens, leading to an immediate reduction of *Salmonella* risk and viral transmission through animal feed. The residual acids continue to protect the feed. PROSIDIUM™ presents an innovative way to mitigate pathogen risks and directly raises the market standards that lead to enhanced biosecurity practices, healthier livestock production, and safer animal protein production.

"Kemin believes raising healthy animals is paramount to food safety and human health, which is the driving force behind our rigorous research and ongoing innovations to keep animals healthy and profitably high for our customers," said Stefaan Van Dyck, Group President, Kemin Animal Nutrition and Health. "Responsible feed safety is an integral component of the feed to food chain and is required for consumers and in feeding a global population."

The ingredients of PROSIDIUM™ have received regulatory approval in several geographies, including Brazil and South Asia region. Regulatory work is underway in several regions, including Asia Pacific, South Africa, North America, Europe, and the Middle East. PROSIDIUM™ comes with the support of Kemin's application solutions group, which has designed a dedicated and convenient application system to secure a uniform product distribution over the feed surface.

Learn more about PROSIDIUM™ here: www.kemin.com/ap_prosidium

About Kemin Industries

Kemin Industries (www.kemin.com) is a global ingredient manufacturer that strives to sustainably transform the quality of life every day for 80 percent of the world with its products and services. The company supplies over 500 specialty ingredients for human and animal health and nutrition, pet food, aquaculture, nutraceutical, food technologies, crop technologies, textiles, biofuels, and animal vaccine industries.

For over half a century, Kemin has been dedicated to using applied science to address industry challenges and offer product solutions to customers in more than 120 countries. Kemin provides ingredients to feed a growing population with its commitment to the quality, safety, and efficacy of food, feed, and health-related products.

Established in 1961, Kemin is a privately held, family-owned-and-operated company with more than 3,700 global employees and operations in 90 countries, including manufacturing facilities in Belgium, Brazil, China, Egypt, India, Italy, Russia, San Marino, Singapore, South Africa, and the United States.

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