



## Kemin Introduces “Triple Check” Approach to Gut Health

*360-degree approach aims to CLEAN UP contaminants, BUILD UP intestinal barrier strength and KNOCK OUT harmful pathogens*

**DES MOINES, Iowa (February 1, 2019)** – Kemin Animal Nutrition and Health, a division of Kemin Industries and a proactive leader within the gut health industry, today announces its comprehensive gut health product platform for livestock and poultry. Using decades of scientific research, thorough testing and customer feedback, Kemin created its multi-faceted [Gut Health Triple Check](#) approach to provide a broad platform of solutions that can be tailored to the unique needs of individual operations.

“We know that in today’s production environment, gut health is an essential component of animal health and performance,” said Daryl Schraad, president of Kemin Animal Nutrition and Health, North America. “We are proud to offer a comprehensive lineup of products that address both internal and external factors that contribute to gut health; and ultimately lead to healthier, more productive animals.”

The Gut Health Triple Check program serves as a support system to CLEAN UP contaminants in feed and water prior to animal exposure, BUILD UP intestinal strength to reduce leaky gut and KNOCK OUT harmful pathogens for healthier, higher-performing animals. Poultry and swine producers can utilize the [My Triple Check](#) tool to identify custom solutions based on the unique health or efficiency goals of their operation.

The gastrointestinal (GI) tract is home to about 70 percent of the immune system in livestock and poultry.<sup>1</sup> Because of this wide-reaching impact of the gut, Kemin Gut Health Solutions encompasses many health priorities, such as nutrient digestion and absorption, metabolism and energy generation and more. Proper gut health promotes the absence, prevention and avoidance of disease; leading to optimal performance.

The Gut Health Triple Check program includes critical solutions, such as:

- **KEM SAN**<sup>®</sup> is a unique combination of effective organic acids. It has been proven to inhibit and kill a broad spectrum of pathogenic bacteria in drinking water. By reducing the pathogen load in the water, there are less challenges presented to the bird, which helps maintain gut health.
- **Aleta**<sup>™</sup> offers a concentration greater than 50 percent of 1,3-beta glucans. Beta glucans have been used in humans and livestock as a way to enhance host protective immunity. Minimizing the impact of disease challenges early on in an animal’s life can have an effect on their ability to gain weight faster, convert feed more efficiently and may be less likely to spread disease.
- **ButiPEARL**<sup>™ Z</sup> uses proprietary MicroPEARLS<sup>®</sup> spray freezing technology to encapsulate two synergistic nutrients, butyric acid and zinc. Butyric acid and zinc play an important role in key biological processes affecting the health and performance of poultry.
- **KemTRACE**<sup>®</sup> **Chromium** – the first product of its kind on the market – is a safe, proven trace mineral. This highly bioavailable, organic source of chromium propionate helps to reduce the negative impacts of stress.
- **CLOSTAT**<sup>®</sup> and **CLOSTAT**<sup>®</sup> **WS** contain a proprietary, patented strain of *Bacillus subtilis* PB6. PB6 is a unique, naturally-occurring, spore-forming microorganism. Kemin internal research has shown PB6 can inhibit *C. perfringens* as well as other pathogens.<sup>2</sup> CLOSTAT WS utilizes the same technology with water soluble ingredients.

The products included in the Gut Health Triple Check program are manufactured in Des Moines, Iowa. The facility is certified to the Food Safety System Certification (FSSC) 22000, which is recognized by the



Global Food Safety Initiative (GFSI) as a rigorous food safety management system. The certification covers the manufacturing of food and feed ingredients used in further processing and is designed to deliver greater confidence in food, fewer health risks, lower auditing costs, improved protection for brands and improved supply chain management.

For more information about Kemin Animal Nutrition and Health, visit [Kemin.com/Aq](https://www.kemin.com/Aq).

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### **About Kemin Industries**

**Kemin Industries** ([www.kemin.com](https://www.kemin.com)) is a global ingredient manufacturer with a focus on improving the quality of life for more than 3.8 billion people every day with over 500 specialty ingredients made for the human and animal health, aquaculture, pet food, nutraceutical, food technology, crop technologies and textile 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 2,800 global employees and operations in 90 countries, including manufacturing facilities in Belgium, Brazil, China, India, Italy, Russia, San Marino, Singapore, South Africa and the United States.

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### REFERENCES

<sup>1</sup> Vighi, G., Marcucci, F., Sensi, L., Cara, G. D., & Frati, F. (2008). Allergy and the gastrointestinal system. *Clinical & Experimental Immunology*, 153, 3-6. doi:10.1111/j.1365-2249.2008.03713.x

<sup>2</sup> Kemin Internal Document, 09-00010.