

# ANIMAL FEED ADDITIVES



5N PLUS Additives GmbH

# GET TO KNOW 5N PLUS

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## 5N PLUS IS AN INNOVATOR THAT UNLOCKS NEW OPPORTUNITIES

5N Plus is recognized globally for its expertise in manufacturing high purity metals which it transforms into pharmaceutical products, specialty chemicals, semiconductor materials and more. The products we supply are key components in a wide range of markets including pharmaceutical and health, renewable energy, electronics, technical materials and industrial catalysts. Customers use our products to make a multitude of items that are essential to society and to our way of life.

## OUR MISSION

As a leading global material technology company, our mission, each and every day, is to earn and retain the privilege to be essential to our customers, preferred by our employees and trusted among our shareholders in a quest to enable innovation and technology deployment based on natural resources for the betterment of the human race.

**We invite you to learn more about  
5N Plus and our commitment to  
our business partners.**

**BELGIUM  
GERMANY  
CANADA  
USA  
CHINA  
LAOS  
MALAYSIA**

# ALL AROUND THE WORLD

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*Headquartered in Montreal,  
Canada, 5N Plus is a leading  
producer of specialty chemicals.*

**With nearly 700 employees,** the company has strategically located production facilities and sales offices throughout Europe (Belgium, Germany), North America (Canada, United States), and Asia (China, Laos, Malaysia). Production facilities in Germany are located in Lübeck and Eisenhüttenstadt.



Montreal (Headquarters)

# WHY 5N PLUS ADDITIVES GmbH?

The industries we serve have **extremely demanding requirements** for product quality, consistency and performance.

To serve these industries, we have honed our processes to respect the highest quality standards, manufacturing to the tightest production tolerances and complying with the most stringent environmental regulations. Our people's experience and expertise uniquely positions 5N Plus to address the equally stringent requirements associated with the feed industry.

At 5N Plus Additives GmbH, we believe that our support and service are just as important as our products, and that a close partnership with customers enables us to better understand and respond to their needs. As we enter the feed industry, our customers can be confident that we bring an unwavering commitment to outstanding customer service.

Our production facility is **strategically located** in the centre of Europe.

Located in Eisenhüttenstadt, Germany, the production facility has first-class road and rail links. It's also close to major European ports, allowing for the export of products further afield.



## ENHANCING OUR CUSTOMERS' COMPETITIVENESS

THIS MEANS :



### RELIABILITY

in proprietary and proven technologies to meet the specifications our customers demand.



### DEPENDABILITY

from sourcing the raw materials to production of the end product, we aim to manage the full supply chain so that our customers know they can depend on us.



### CONTROL

full value chain from sourcing the selenium to the manufacture of the premix.



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*5N Plus is a trusted supplier to our customers, but beyond this we strive to be a business partner.*

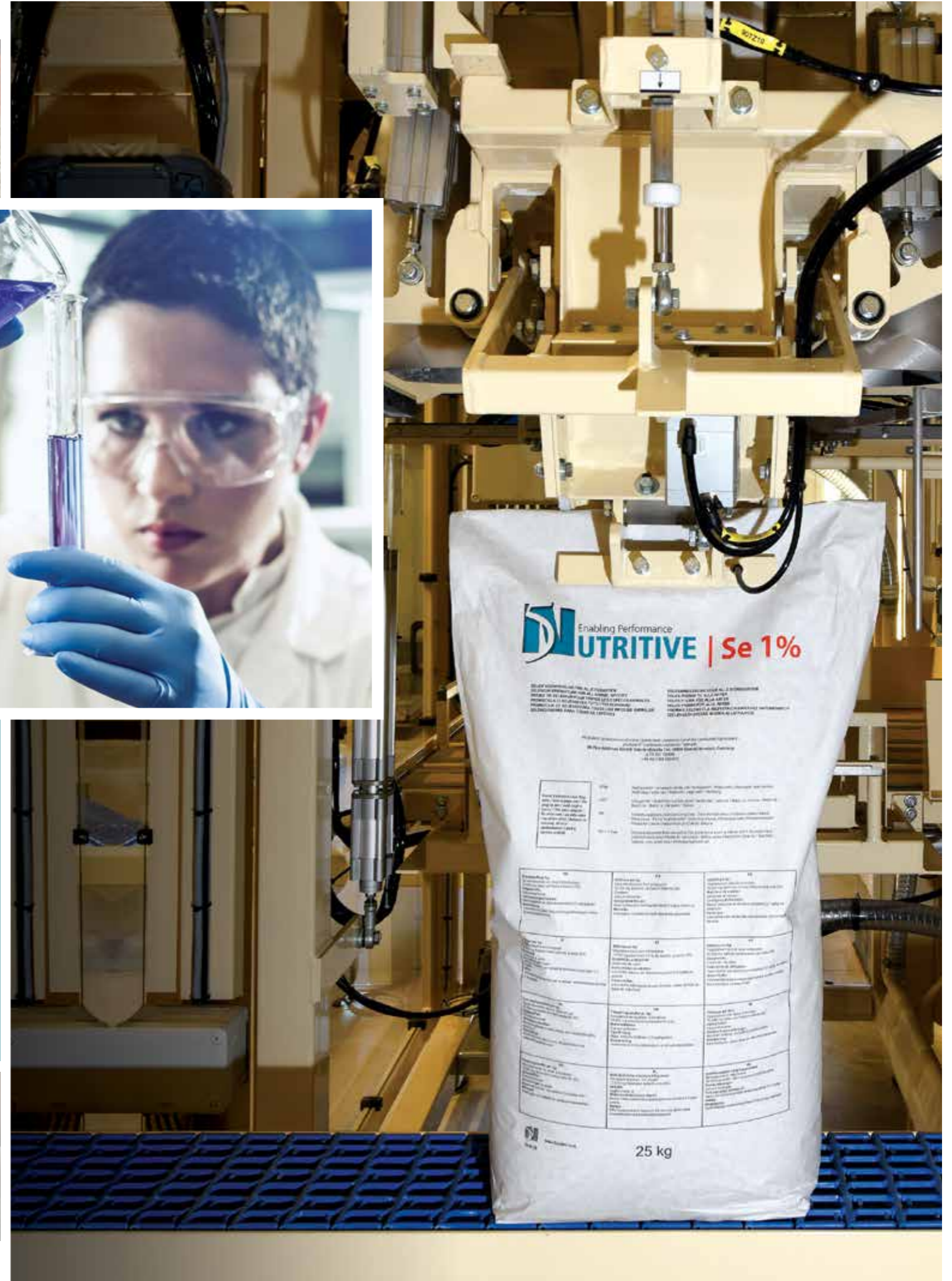


# PRODUCT QUALITY & SAFETY

*At 5N Plus Additives GmbH, we know how important product quality and consistency are in the animal feed industry. Our overriding objective is to ensure that we give our customers complete confidence in the products we supply.*

## STATE-OF-THE-ART PRODUCTION

Our purpose-built production facility is fully automated and employ state-of-the-art technologies, enabling us to achieve industry-leading tolerances for trace elements in the premix. A dual-stage measuring scale will allow precise dosage of the mineral salts. The mixing process has been designed and tested exhaustively to obtain an extremely high degree of homogeneity in the final premix. Complete encapsulation of the production process — from raw materials preparation to packing of the final premix — eliminates any potential for contamination and ensures purity. As well, a high-performance extraction system will provide a dust-free environment for the safety of our workers.



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## QUALITY CONTROL & CERTIFICATION

*The quality of the premix is guaranteed by a fully automated sampling process ensuring 100% traceability.*

In line with our state-of-the-art-production, analysis of the feed material will be performed in-house using our certified laboratory and analytical processes. This will enable rapid turnaround of product.

In addition to implementing EU feed regulations, 5N Plus Additives is registered with FAMI-QS, a Quality and Safety System for specialty feed ingredients and their mixtures. This system minimizes the risk of unsafe specialty feed ingredients and their mixtures entering the feed and food chain, ensures that operators implement the objectives of the Feed Hygiene Regulation (183/2005/EC), and provides measures to ensure that other feed safety regulatory requirements are met.



### A TRUSTED PARTNER WITH LONG-TERM INDUSTRY EXPERIENCE

5N Plus has partnered with Jadis Additiva BV. Jadis has a long and successful involvement with the feed industry, with contributions in the development of novel trace element concepts and in the detection and measurement of carryover and homogeneity in mixing plants. The Jadis team has been actively involved in facility planning and product development and is the exclusive distributor for 5N Plus in Europe.





Reliable supply, impeccable quality and purity, and a trusted partnership with a company that takes its service as seriously as its products. 5N Plus Additives GmbH delivers it all, so there is one less thing to worry about. And so you can focus on growing your business.



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To learn more about 5N Plus and the opportunities we can unlock for your business, visit us at:

**5nplus.com**

or better yet, contact us directly at  
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