



alzchem
group

Sustainability and corporate social responsibility

TRADITION MEETS SUSTAINABILITY



Excellent dealing with people
and the environment



Successful reduction of the annual
CO₂ emissions by ~ 50,000 tons*



Spending of ~ 24 M€* annually in
the protection of the environment



Successful audits of the Trostberg
site by the industry initiative
"Together for Sustainability"



Commitment to compliance with
responsible care guidelines



* data basis 2022

CREAMINO®

Energy for healthy growth
supporting sustainable
animal nutrition



OUR PATH TO CLIMATE NEUTRALITY – The Climate Roadmap of Alzchem Group AG



CREAMINO®

Energy for healthy growth supporting sustainable animal nutrition

Creamino® is a feed additive for farm animals containing guanidinoacetic acid (GAA) to enhance energy metabolism in livestock production. The natural creatine precursor GAA increases the creatine level in the cells of the animal and thus ensures optimal nutrient utilization enabling additional improvements in growth and health and, therefore improving return on feed costs.

Alzchem has developed an in-house production process for manufacturing Creamino® of high quality in our own production facilities in Germany. This field of application is also sustainable according to the UN Sustainable Development Goals (SDGs) (SDG 3, Good Health and Well-Being).

PRODUCT QUALITY

- In-house manufacture of key raw materials and reverse integration in the NCN-chain leads to sustainable production under high quality standards
- Verification of product properties are carried out in-house in accredited analytical laboratories

ENERGY & EMISSIONS

- Increasing use of renewable energy sources
- Continued reduction of our product CO₂ footprints through energetic use of CO gas for oil and gas compensation in combination with using the formed CO₂ as raw material
- Since 2021 we operate a regenerative thermal oxidation facility (RTO) for waste air purification

PRODUCTION NETWORK & TRANSPORT

- Geographical proximity of our 4 different production sites → short transportation routes for intermediates for the further processing, mainly by rail
- Use of AI (artificial intelligence) to optimize production processes along our NCN-chain → significantly increasing yields
- Intelligent network integration including energy and material flows, use of side products e. g. CO₂ as raw material; cycles can be closed; goal: zero waste

RAW MATERIAL & WASTE MANAGEMENT

- Regular quality and safety audits at our suppliers
- Wherever possible we handle bulk quantities (raw material, finished goods)
- Only approved and audited packaging is used
- Packaging waste management comply with the requirements of the EU packaging and waste directive regulating the reuse or recoverable nature of packaging due to their composition

We ACT.



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