

Biogas programme

Kemira

Our application knowledge and broad product portfolio makes it possible to improve the performance, economics and availability of your industrial biogas process.



Kemira has worked in the field of solid-liquid separation and dewatering for more than five decades. Our experience has shown that chemical treatment has to work alongside biological treatment to ensure optimum results.

Over the years we have built up a huge reservoir of application know-how that has helped us to develop

products suitable for different kinds of biogas processes, based on various kinds of substrates.

Our biogas programme includes products and applications for any process step within the biogas production. They enable higher biogas yield, improved digester capacity and stabilized operation conditions, resulting in better economics.

Our application can give:

- Improved biogas yield
- Increased digester capacity
- Stabilized operation conditions
- Cleaner biogas
- Better dewaterability
- Improved reject water quality
- Less foaming
- Reduced scaling

Benefits

- Better economics
- Improved working environment
- Reduced maintenance costs
- Improved process availability
- Reduced capital cost for expansion

Product group	Application
Kemira BDP	Enhanced digester performance (by improved biogas yield, increased capacity and stabilized operation conditions)
H ₂ S-Guard™	H ₂ S control in substrate intake and digester
KemGuard®	Scale control in pipes, dewatering equipment and heat exchangers
Bevaloid®	Foam control in substrate intake, digester and dewatering
Superfloc®	Digestate dewatering and reject water treatment
Process aids	pH control, preservation of substrates, reject water treatment

Kemira makes this information available as an accommodation to its customers and it is intended to be solely a guide in customer's evaluation of the products. You must test our products, to determine if they are suitable for your intended uses and applications, as well as from the health, safety and environmental standpoint. You must also instruct your employees, agents, contractors, customers or any third party which may be exposed to the products about all applicable precautions. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. You assume full liability and responsibility for compliance with all information and precautions, and with all laws, statutes, ordinances and regulations of any governmental authority applicable to the processing, transportation, delivery, unloading, discharge, storage, handling, sales and use of each product. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use.

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Kemira in brief

Kemira is a global two billion euro chemicals company that is focused on serving customers in water-intensive industries. The company offers water quality and quantity management that improves customers' energy, water, and raw material efficiency. Kemira's goal is to be a leading water chemistry company.

Kemira Chemicals UK Ltd
Bowling Park drive
Bradford BD4 7TT UK
Tel: +44(0) 1274 762236
m&i_sales.uk@kemira.com
www.kemira.com

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