

# Novaline

Perfectly uniting technology and nature



## **Novaline**

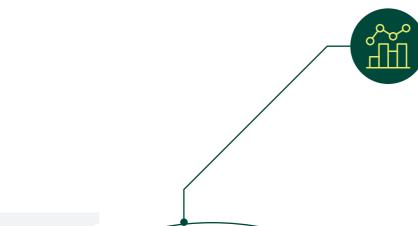
## Progress meets sustainability

With its Novaline, Wetrok has created the **most sustainable cleaning product line** of all time! Compared with conventional cleaning products, Novaline offers the best balance between nature and technology – **unbeatable resource efficiency** with the same familiar Wetrok quality.

What makes Novaline unique is the use of **biosurfactants**. Wetrok is the first company to succeed in the stable use of biosurfactants as active raw materials in cleaning concentrates. This allows Wetrok to minimise the consumption of land resources, even compared with other sustainability lines, while also reducing emissions during production. The Novaline series developed in Switzerland is also completely biodegradable. Combined with canisters made of recycled plastic and a recycling process, we are setting new standards.

A cleaning innovation designed thoroughly from A to Z – Leaders in sustainability.

Customers and experts alike confirm the high effectiveness of Novaline. Despite its consistent focus on sustainability, the range impresses in practice with its first-class cleaning performance:



Novaline

### Application and performance

Cleaning performance, material protection and safety are in perfect harmony with Novaline. The biosurfactants are highly effective and characterised by their strong grease-dissolving power and cleaning performance. They are kind to surfaces and plastic materials.

Depending on the area of application, the cleaning products are dyed using sustainable food colouring to improve user safety. Novaline is also compatible with the well-known Wetrok foam method: This optimises the consumption of chemical cleaning products and water. The subtly and pleasantly scented Novaline creates an environment where cleanliness can be felt as well



#### **Packaging**

The packaging is also sustainable: Novaline canisters are manufactured using 50% recycled plastic, thereby reducing CO<sub>2</sub> emissions by 21%. If disposed of correctly, the material from the emptied canisters is reused in the recycling process and is used to manufacture new products.

Accessory bottles are reusable and screen-printed labels extend the period of use.



For years, we have relied on ecological cleaning lines. We are particularly proud of Wetrok Novaline with innovative biosurfactants in daily building cleaning. With this solution we are able to offer all our customers ideal sustainability in cleaning work – without cutting corners in cleaning performance.

Jeremy Loosli, Division Manager, Splendida Services AG



## **Production and logistics**

Made in Switzerland guarantees local production with top quality and low production emissions without synthetic chemicals – and with short delivery routes. The Novaline products are developed in Switzerland and predominantly produced using raw materials of European origin. In this way, a sustainable delivery chain is reinforced and the regional economy is supported. Wetrok exclusively produces in facilities with ISO 14001 certification.



The Novaline was rigorously tested in our specialised laboratory on a wide variety of surfaces and floor coverings. The result of the cleaning performance was above average, even on difficult surfaces. The biosurfactants contained are comparable to conventional surfactants in terms of efficiency and grease dissolving power. The innovative biosurfactants are obtained biotechnologically in an environmentally friendly fermentation process and impress with their low toxicity and protection of aquatic ecosystems.

Prof. Dr. Eilts, Sigmaringen University of Applied Sciences

## A world first

## The revolutionary cleaning line







#### Floor maintenance cleaner

- · Biosurfactants
- · Fast wetting
- · pH-neutral
- Solvent-free
- · Meets the requirements of DIN 18032





#### All-purpose cleaners

- Biosurfactants
- · Without leaving streaks and quick-drying
- · pH-neutral
- · Organic solvent



#### **Novacristal**

#### Glass & surface cleaning

- Biosurfactants
- · Streak-free result
- · Gentle on materials
- · Non-foaming



All products are fully biodegradable according to OECD 302b!

#### Novasan

#### Sanitary maintenance cleaner

- · Based on fruit acid
- Daily limescale removal
- · Highly acidic



#### Novasan neutral

#### Sanitary maintenance cleaner

- ·Biosurfactants
- For acid-sensitive materials
- · pH-neutral
- Solvent-free



#### Basic sanitary cleaner

- Based on methanesulfonic acid,
- fruit acid · Strongly acidic
- Removes limescale deposits and urine scale





#### Novabowl

#### **Toilet cleaner**

- · Based on methanesulfonic acid
- · Highly acidic pH value
- ·Thick consistency: adheres well to vertical surfaces













By obtaining environmental certification with the EU Ecolabel and Austrian Ecolabel, Novaline has proven its commitment to sustainability.



Conventional cleaning agents contain surfactants that are usually produced based on mineral oil, palm oil or other plant oils and using a highly synthetic process.

On the other hand, the production of biosurfactants is inspired and supported by nature. They are generated in a gentle patented fermentation process using microorganisms. The plant-based raw materials required for fermentation are extracted from food industry waste products, further easing the burden on the food cycle. As a result, there are 30 to 50% less CO<sub>2</sub> emissions (compared with conventional surfactants) and no valuable food resources are used. This means that the production of bio-surfactants is more resource-friendly than other popular

Due to the novel method of generating biosurfactants through fermentation with microorganisms, they are highly biodegradable after cleaning and help to conserve the environment. The production of biosurfactants as a natural phenomenon has been known for some time now. But it took a great deal of effort in development to copy this natural process and stabilise the extracted

approaches to sustainability that can be found on the market.

biosurfactants in cleaning agent concentrates.

## Wetrok

# We think ahead and act sustainably

Sustainability is not some empty phrase for us: we embody our passion on multiple levels. We care as much about conserving the environment as we do about building hygiene and cleanliness, which is why we are committed to nature, people and animals according to various labels as well as ISO 14001. Thanks to our wide range of different ecological cleaners, we are able to address all customer requirements and offer tailormade solutions.

Find the right cleaning product and get advice from us:

		Novaline The perfect combination of innovation and sustainability	Granuline Sustainable thanks to optimised process	EcoLine Top performance with excellent sustainability	wetco line The whole package for newcomers to sustainability
Customer benefit	Cleaning results	••••	•••	•••	•••
	Cost Savings	•••	••••	••	• • •
	Safe application and ease of use	••••	••••	•••	• •
	Image	••••	••••	•••	• • •
Sustainability	Recipe	•••	•	••	• •
	Packaging	••••	•	••	• •
	Production and logistics	•••	••••	••	• •
	Energy/CO <sub>2</sub>	•••	••••	•••	• • •
	Biodegradability	••••	•••	••••	•••

Do you have any questions about Novaline or our entire sustainability range?
Your Wetrok contact on our field service team is happy to provide expert assistance.







#### www.wetrok.com