Nouryon



Berol® 611 surfactant

New versatile NPEO alternative to meet the working requirements of cleaning formulations

We developed Berol 611® surfactant to offer cleaning formulators an environmentally responsible alternative to NPEO to create high-performing cleaning and degreasing products.

With the introduction of Berol® 611 surfactant, we are meeting the growing demand for effective cleaning solutions in a wide variety of cleaning applications. The versatility of Berol® 611 surfactant is enabled by its favorable wetting performance, which allows it to achieve effective penetration and surface contact with the cleaning substrates to enhance cleaning performance.

Berol® 611 surfactant demonstrates excellent solubility in water at room temperature with less gelation while reducing processing times and minimizing clogging risks in production lines.

Its lower foaming characteristics compared to NP9 promotes rinse ability and minimizes pressure load in equipment.



Applications

- Multi-purpose hard surface cleaners
- Industrial cleaners (heavy duty degreasers, metal cleaning)
- Textile treatment cleaning
- Commercial laundry
- All other cleaning applications that requires alternative to replace NP9

Key benefits for formulators

- NPEO free – compliant to increasingly stringent environmental regulations
- Outstanding wetting allows faster penetration to dislodge and dissolve soil, improving detergency of formulation
- Faster room temperature dissolution time than NP9 eases handling and manufacturing process
- Good detergency and degreasing performance for all purpose cleaning
- Good compatibility in wide range of formulations offers formulation flexibility and storage stability



Technical properties

Active content	89-91 %
Appearance	clear liquid, colorless liquid at 25°C
Cloud point (1%)	52-60°C
Density	0.97-1.01 g/cm^3
pH (1% in water)	5-9

Usage

Please consult Nouryon technical support representative in your region to define ideal dosage suggested for your systems.

Contact us directly for detailed product information and sample request
website | nouryon.com/markets/cleaning
email | cleaning@nouryon.com

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Nouryon is a global, specialty chemicals leader. Markets and consumers worldwide rely on our essential solutions to manufacture everyday products, such as personal care, cleaning goods, paints and coatings, agriculture and food, pharmaceuticals, and building products. Furthermore, the dedication of more than 7,900 employees with a shared commitment to our customers, business growth, safety, sustainability and innovation has resulted in a consistently strong financial performance. We operate in over 80 countries around the world with a portfolio of industry-leading brands. Visit our website and follow us @Nouryon and on LinkedIn.

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