



Berol[®] EcoClean

Green surfactant concentrate for household cleaning

First majority biobased hard surface cleaning pre-blend for the household cleaning market

- Delight customers with superior performance, not classified, Ecolabel compliant formulations for household (and I&I) applications
- Deliver more-sustainable cleaning without performance compromise – superior properties demonstrated vs. commercial benchmarks
- Save packaging, transport and inventory challenges with the optimized pre-blend
- Utilize this high activity product that is easy to store and handle, and is flexible for use with a variety of secondary additives to create optimized custom formulations

Household consumers are looking for greener cleaning solutions

We see that household consumers are increasingly looking for greener cleaning solutions whilst keeping the performance to ensure a sustainable hard surface cleaning. We are fully vested in the development of innovative green products. Utilizing our R&D and manufacturing capabilities we have crafted a high-performance blend that provides formulators with manufacturing simplicity, which delights the downstream consumer and provides sustainable hard surface cleaning.



Delivering unique customer benefits

As well as providing unique consumer benefits, Berol EcoClean also provides formulators with numerous advantages:

- Optimized blend for maximized cleaning and degreasing performance
- Only cleaning component needed in hard surface cleaning formulary - limits SKU inventory
- High activity product to minimize packaging and reduce transportation costs/complexity
- No VOC
- Mobile liquid to freezing (0°C) and below
- Suitable for use in broad range of pH (4-11)
- Low viscosity product for easy pumping and handling
- Rapid dissolution when blending, even at low temperatures
- Good temporary foaming, which can be supplemented through formulation
- Crystal clear, low color product for formulation aesthetics
- Low hazard concentrate – warning label
 - H319, severe eye irritant as-is
 - Not classified if used <10% in product
- Suitable for use in Industrial & Institutional applications too
- RSPO (mass balance) certified

Sales specifications

Berol EcoClean is a majority bio-based surfactant blend intended for use in water-based home care cleaning products.

Appearance	clear liquid at 20°C
Color	≤ 6 Gardner
Functional test (cloud point, 1% water)	≥ 49°C
pH (1% water)	7.5-9.0
Water content	16-18%

Contact us directly for detailed product information and sample request
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Nouryon

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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