



## 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

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