

# Berol XS

An optimized surfactant solution for cleaning and degreasing

Optimized surfactant for all-purpose cleaner and degreaser functionalities in I&I and Household cleaning applications. Ready to use, just add builders and water. This optimized surfactant is highly efficient and can be used in cold or hot mix formulations as compared to other surfactants that are commonly used.

## Specifications

Appearance	Clear liquid at 20°C
Cloud point	(1% in 10% NaCl) 54-60 °C
Color	≤ 5 Gardner
pH, 1% in water	7-9
Water	24-26 %

## Characteristics

Clear point	< -12 °C
Density	1040 kg/m <sup>3</sup> at 20°C
Flash point	> 100°C
Foam Height according to Ross-Miles, 50°C, 0.05%	Immediately: 60 mm, after 5 min 15 mm
Pour point	< -15 °C
Surface Tension according to Du Noüy, 25°C, 0.1% DIN 53914	28 mN/m
Viscosity	20°C, 115 mPa.s
Wetting power according to Draves, 25°C, 0.1%	24 sec
Solubility: Ethanol	Soluble
Solubility: Isopropanol	Soluble
Solubility: Propylene glycol	Soluble
Solubility: Water	Soluble

### Notes:

Typical Data are based on our own measurements or derived from the literature: They do not constitute part of the delivery specification.

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The logo for Nouryon, featuring a stylized blue 'N' followed by the word 'ouryon' in a lowercase, sans-serif font.