

# Berol 829

## Castor Oil 20 EO

Berol® 829 is a non ionic surfactant of castor oil ethylene oxide adduct type, compatible w/ anionic & nonionic products and possesses high HLB

### Specifications

Appearance	Clear liquid
Cloud point	62-66 (5g product in 25 ml 25% butyldiglycol) °C
Color	≤ 5 Gardner
pH	5.5-7.5 (1% in water)
Water content	≤ 1 %

### Characteristics

Active content	100 %
Appearance	Clear liquid at 20°C
Clear point	10 °C
Density	1030 kg/m <sup>3</sup> at 20°C
Flash point	≥150°C
Foam Height according to Ross-Miles, 50°C, 0.05%	immediately: 35 mm; after 5 min: 10 mm
HLB	10.2
Pour point	-1 °C
Saponification value	87-93 mg KOH/g
Surface Tension according to Du Noüy, 25°C, 0.1% DIN 53914	39 mN/m
Viscosity	800 mPa.s at 20°C
Wetting power according to Draves, 25°C, 0.1%	≥600 sec
Solubility: 2-propanol	Soluble
Solubility: Ethanol	Soluble
Solubility: Low aromatic solvent	Insoluble
Solubility: Propylene glycol	Dispersible
Solubility: Water	Soluble (opaque)
Solubility: White spirit	Insoluble
Solubility: Xylene	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 blue sans-serif font.