

Berol EP 25

Berol® EP 25 is a non-ionic surfactant of alcohol ethoxylate product type. Berol® EP 25 has a very strong hydrophilic (water soluble) character.

Specifications

Color	≤ 700 Hazen
pH	5 - 7 (1% in water)
Water content	29 - 31 %

Characteristics

Active content	70 %
Appearance	Clear to cloudy liquid at 20°C
Clear point	10 °C
Cloud point	74°C, 1% product in 10% NaCl °C
Density	1094 kg/m ³ at 20°C
Flash point	≥ 100°C
Foam Height according to Ross-Miles, 50°C, 0.05%	immediately: 35 mm; after 5 min: 0 mm
HLB	17.9
Pour point	-9 °C
Surface Tension according to Du Noüy	0.1% solution 50 mN/m; 1.0% solution 33 mN/m at 25°C DIN 53914
Viscosity	190 mPa s at 20°C
Wetting power according to Draves, 25°C, 0.1%	≥ 600 sec
Solubility: Ethanol	Soluble
Solubility: Isopropyl alcohol	Soluble
Solubility: Low aromatic solvent	Insoluble
Solubility: Propylene glycol	Soluble
Solubility: Water	Soluble
Solubility: White spirit	Insoluble
Solubility: Xylene	Insoluble

Notes:

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

Packaging and transport

Berol® EP 25 should always be homogenized before use, unless the entire quantity is used. If Berol® EP 25 is stored at temperatures below its clear point, a risk of separation occurs. Should this happen, the entire amount of Berol® EP 25 should be melted and homogenized before use. A source of heat with a temperature of more than 100°C must not be used for melting Berol® EP 25. The most suitable method is indirect heating with warm water.

All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Nouryon, however, makes no warranty as to accuracy and/or sufficiency of such information and/or suggestions, as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nouryon does not accept any liability whatsoever arising out of the use of or reliance on this information, or out of the use or the performance of the product. Nothing contained herein shall be construed as granting or extending any license under any patent. Customer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes. The information contained herein supersedes all previously issued information on the subject matter covered. The customer may forward, distribute, and/or photocopy this document only if unaltered and complete, including all of its headers and footers, and should refrain from any unauthorized use. Don't copy this document to a website.

Berol® is a registered trademark in many countries. For more information, please visit our website at www.nouryon.com.

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