

Ethylan 1005 PLUS

Non-ionic surfactant

Ethylan® 1005 PLUS is a nonionic surfactant based on a synthetic primary alcohol and biobased EO. It has a Renewable Carbon Index of 50%.

Specifications

For region	These specifications refer to EMEA-produced Ethylan 1005 PLUS only
Cloud point	47-53 (5g product in 25 ml 25% butyldiglycol) °C
Color	≤200 Hazen
Flashpoint	≥100 °C
pH, 1% in water	7-9.5
Water content	≤1.0 %

Characteristics

Active content	100 %
Appearance	Liquid
Clear point	12 °C
Density	968 kg/m ³ at 20°C
Flash point	≥100 °C
Foam Height according to Ross-Miles, 50°C, 0.05%	immediately: 5 mm after 5 min: 0 mm
HLB	11.6 (Griffin)
Pour point	-9 °C
Surface Tension according to Du Noüy, 25°C, 0.1% DIN 53914	27.0 mN/m
Viscosity	30 mPa.s at 20°C
Wetting power according to Draves, 25°C, 0.1%	3 sec
Solubility: 2-propanol	Soluble
Solubility: Ethanol	Soluble
Solubility: Low aromatic solvent	Soluble
Solubility: Propylene glycol	Soluble
Solubility: Water	Dispersible
Solubility: White spirit	Soluble

Notes:

Typical Data are based on our own measurements or derived from the literature. They do not constitute part of the delivery specification. Solubility of Ethylan® 1005 PLUS, 5% in solvent.

Safety and handling

Ethylan® 1005 PLUS should always be homogenized before use, unless the entire quantity is used. Please refer to the Safety Data Sheet (SDS) for further information on the safe storage, use and handling of Ethylan® 1005 PLUS.

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.

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