

# Armoclean 4400

Triglyceride ethoxylate

Armoclean 4400 is a non-ionic surfactant where the hydrophobic part is based on a vegetable raw material

## Specifications

Appearance	Clear liquid at 20°C
Cloud point	66-71 (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 %
Clear point	20 °C
Density	1050 kg/m <sup>3</sup> at 20°C
Flash point	≥100°C
Foam Height according to Ross-Miles, 50°C, 0.05%	immediately: 50 mm, after 5 min: 20 mm
HLB	11.2
Pour point	4 °C
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: Ethanol	Soluble
Solubility: Isopropyl alcohol	Soluble
Solubility: Low aromatic solvent	Soluble
Solubility: Propylene glycol	Dispersible
Solubility: Water	Soluble
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.

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.

ARMOCLEAN is a registered trademark in many countries. For more information, please visit our website at [www.nouryon.com](http://www.nouryon.com).

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