

# Noxol ETH

Copolymer of 1-naphtol and formaldehyde, solution in water

Noxol® ETH is a copolymer of 1-naphtol and formaldehyde, solution in water and ethanol. High-concentration antifouling agent particularly suited for manual application to difficult spots in reactors used for suspension polymerization of PVC.

**CAS number**  
25359-91-5

**EINECS/ELINCS No.**  
polymer

**TSCA status**  
listed on inventory

## Specifications

Appearance	Slightly yellow transparent liquid
Ethanol	9.0-13.0 %
pH	12.3-12.7
Solids	19.0-23.0 %

## Characteristics

Density, 20 °C	1.020 g/cm <sup>3</sup>
Viscosity, 20 °C	≤10 mPa.s

## Storage

Nouryon recommends to store Noxol® ETH in the temperature range from 0°C to 50°C. Freezing does not affect the performance of the product once thawed. Noxol® ETH should be stored under a nitrogen blanket. Prolonged exposure to oxygen may affect the quality of the product. Store in the original container with unbroken seal.

Note	When stored under the recommended storage conditions, Noxol® ETH will remain within the Nouryon specifications for a period of at least 9 months after delivery.
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## Packaging and transport

Noxol® ETH is available in 1.47 kg net PET bottles and 100 x 60 cc glass bottles. Both packaging and transport meet the international regulations. For the availability of other packed quantities contact your Nouryon representative. Noxol® ETH is classified as a non-dangerous good according to national and international transport regulations.

## Safety and handling

Please refer to the Safety Data Sheet (SDS) for detailed information on the safe storage, use and handling of Noxol® ETH. This information should be thoroughly reviewed prior to acceptance of this product. The MSDS is available at [nouryon.com/sds-search](http://nouryon.com/sds-search).

## Certifications

Food approvals - FDA: Formaldehyde-1-naphthol copolymer is authorized for use as an indirect food additive as specified in 21 CFR section 178.3860 (Release agents). Europe: Formaldehyde, copolymer with 1-naphthol is approved as an additive for the use in the manufacture of plastic materials and articles intended to come in contact with foodstuffs and listed as PM/Ref. No. 54930 in Annex III Section A to Directive 2002/72/EC. All minor components are also listed in Directive 2002/72/EC, as amended, respective have National approvals.

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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The Nouryon logo consists of a stylized blue 'N' followed by the word 'ouryon' in a lowercase, sans-serif font. The 'N' is significantly larger and more prominent than the rest of the text.