

# Inhibitor NLC-10

4-tert-Butyl-1,2-dihydroxy benzene, 10% in aliphatic ester

Inhibitor used at ambient temperatures for extending potlife or geltime; 10% solution in aliphatic solvents.

CAS number  
98-29-3; 6846-50-0

EINECS/ELINCS No.  
202-653-9; 229-934-9

TSCA status  
listed on inventory

## Specifications

4-tert-Butylcatechol	9.8-10.2 %
Appearance	Clear liquid
Color	≤ 5 G
Viscosity, 20°C	10.4 mPa.s

## Characteristics

Density, 20 °C	0.945 g/cm <sup>3</sup>
Melting point	-30 °C

## Applications

Inhibitor NLC-10 is a 10% solution of 4-tert-Butyl-1,2-dihydroxy benzene = 4-tert-Butylcatechol in aliphatic ester. Inhibitor NLC-10 is used at ambient temperatures for extending: 1) gel time of a mixture of UP resin/peroxide/accelerator; 2) pot life of a mixture UP resin/peroxide; 3) pot life of a mixture UP resin/amine accelerator. Inhibitor NLC-10 is not advised to improve the shelf life of a SMC or BMC formulation. In this application special peroxides like Trigonox 21LS is recommended to improve the shelf life.

## Storage

Inhibitor NLC-10 is stable at ambient temperatures.

### Note

When stored under the recommended storage conditions, Inhibitor NLC-10 will remain within the Nouryon specifications for a period of at least 9 months after delivery.

## Packaging and transport

The standard packaging is a steel drum of 25 kg net weight. Both packaging and transport meet the international regulations. For the availability of other packed quantities contact your Nouryon representative. Inhibitor NLC-10 is classified as Corrosive liquid, n.o.s.; Division 8; UN 1760.

## Safety and handling

Keep containers tightly closed. Store and handle Inhibitor NLC-10 in a dry well-ventilated area at ambient temperatures. Do not mix with organic peroxides. Please refer to the Safety Data Sheet (SDS) for further information on the safe storage, use and handling of Inhibitor NLC-10. This information should be thoroughly reviewed prior to acceptance of this product. The SDS is available at [nouryon.com/sds-search](http://nouryon.com/sds-search).

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.

Perkadox, Trigonox, Butanox and Cyclonox are registered trademarks of Nouryon Functional Chemicals B.V. or affiliates in one or more territories.

## Contact Us

Polymer Catalysts Americas  
[polymer.amer@nouryon.com](mailto:polymer.amer@nouryon.com)

Polymer Catalysts Europe, Middle East, India and Africa  
[polymer.emeia@nouryon.com](mailto:polymer.emeia@nouryon.com)

Polymer Catalysts Asia Pacific  
[polymer.apac@nouryon.com](mailto:polymer.apac@nouryon.com)

The Nouryon logo consists of a stylized orange '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.