

# Accelerator NL-64-100

N,N-Diethyl aniline

Accelerator NL-64-100 is a low-reactive amine accelerator used for curing unsaturated polyesters at ambient temperatures.

CAS number  
91-66-7

EINECS/ELINCS No.  
202-088-8

TSCA status  
listed on inventory

## Specifications

|                 |                             |
|-----------------|-----------------------------|
| Appearance      | Clear light yellow to light |
| Assay           | ≥ 98.5 %                    |
| Viscosity, 20°C | 1 mPa.s                     |

## Characteristics

|                |                         |
|----------------|-------------------------|
| Boiling point  | 216 °C                  |
| Density, 20 °C | 0.935 g/cm <sup>3</sup> |
| Melting point  | -38.8 °C                |

## Applications

The curing of unsaturated polyester resins at ambient temperatures can in general not be performed by an organic peroxide alone. The radical formation, which is necessary to start the polymerisation reaction, is at ambient temperatures with most generally applied organic peroxides too slow. To speed up the radical formation in a controllable way, organic peroxides must therefore be used in combination with a so-called accelerator.

## Storage

Accelerator NL-64-100 is stable at ambient temperatures.

### Note

When stored under these recommended storage conditions, Accelerator NL-64-100 will remain within the Nouryon specifications for a period of at least 9 months after delivery.

## Packaging and transport

The standard packaging is a 25 kg and 190 kg drum. Both packaging and transport meet the international regulations. For the availability of other packed quantities contact your Nouryon representative. Accelerator NL-64-100 is classified in Division 6.1; UN 2432.

## Safety and handling

Keep containers tightly closed. Store and handle Accelerator NL-64-100 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 Accelerator NL-64-100. 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).

## Major decomposition products

In case of fire toxic fumes of N-oxides may be formed.

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