

# DCloud 45

Polyvinyl acetate partially hydrolysed, emulsion in water

DCloud® 45 is a secondary suspending agent particularly suited to the suspension polymerization of PVC.

CAS number  
25213-24-5

EINECS/ELINCS No.  
polymer

TSCA status  
listed on inventory

## Specifications

Appearance	White emulsion
Degree of hydrolysis	44.0-48.0 %
pH	3.5-5.5
Saponification number	443-465
Solids	33.5-36.5 %
Viscosity, 20°C	400-700 mPa.s

## Characteristics

Density, 20°C	1.070 g/cm <sup>3</sup>
---------------	-------------------------

## Storage

Nouryon recommends to store DCloud® 45 in the temperature range from 5°C to 40°C.

Ts max.	40°C
Note	When stored under the recommended storage conditions, DCloud® 45 will remain within the Nouryon specifications for a period of at least 6 months after delivery.

## Packaging and transport

DCloud® 45 is available in 1000 kg net returnable PE IBC's. Delivery in tank containers at variable capacities is also possible. Both packaging and transport meet the international regulations. For the availability of other packed quantities contact your Nouryon representative. DCloud® 45 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 DCloud® 45. 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.

DCloud® is a registered trademark of Nouryon Functional Chemicals B.V. or affiliates in one or more territories.

## Contact Us

**Polymer Specialties Americas**  
polymer.amer@nouryon.com

**Polymer Specialties Europe, Middle East, India and Africa**  
polymer.emeia@nouryon.com

**Polymer Specialties Asia Pacific**  
polymer.apac@nouryon.com

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