

Active 45

Polyvinyl acetate partially hydrolysed, solution in ethanol and ethyl acetate

Active 45 is a polyvinyl acetate partially hydrolysed, solution in ethanol and ethyl acetate. 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	Pale yellow liquid
Degree of hydrolysis	44.0 - 46.0 %
pH	5.0 - 7.0
Saponification number	453 - 465
Solids	39.0 - 41.0 %
Viscosity, 20°C	200 - 400 mPa.s

Characteristics

Acetic acid	1 - 2 %
Density, 20 °C	0.950 g/cm ³
Ethanol	30-35 %
Ethyl acetate	20-25 %

Applications

Active is a suspending agent particularly suited to the suspension polymerization of PVC.

Storage

Nouryon recommends to store Active 45 in the temperature range from -5°C to 50°C.

Note

When stored under the recommended storage conditions, Active 45 will remain within the Nouryon specifications for a period of at least 6 months after delivery.

Packaging and transport

Active 45 is available in 950 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. Active 45 is classified as Flammable liquid, n.o.s. (Ethanol/Ethyl acetate solution); Division 3; UN 1993; Packing Group II.

Safety and handling

Please refer to the Safety Data Sheet (SDS) for detailed information on the safe storage, use and handling of Active 45. This information should be thoroughly reviewed prior to acceptance of this product. The SDS is available at 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.

Contact Us

Polymer Catalysts Americas
polymer.amer@nouryon.com

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

Polymer Catalysts 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. The 'N' is significantly larger and more prominent than the rest of the text.