

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® 45 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

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