



>>Entry Name: Poly(vinyl alcohol)

ENTRY UNDER REVIEW

Synonym(s): Ethenol homopolymer, 9Cl. PVA

CAS Registry Number: 9002-89-5

$[-CH_2CH(OH)-]_n$

Use/Importance: Used as 1-3% aq. solns. as a protective colloid (stabilisation of pseudo-solns., e.g. Se or Te sol.); indirect detn. of Cu(II) (oxidn. of $I^{(-)}$ to I_2 which forms coloured complex with the reagent). Used in textile and paper sizing, in adhesives, in the formulation of cement coatings and finishings, and as an emulsion-polymerization aid

Physical Description: White or cream granular powder

Solubility: Sol. H_2O

Other Data: Prepd. by hydrolysis of poly(vinyl acetate)

Aldrich: 36317-0

Fluka: 81383

Sigma: P1763

References:

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