



Dalian Richfortune Chemicals Co., Ltd.

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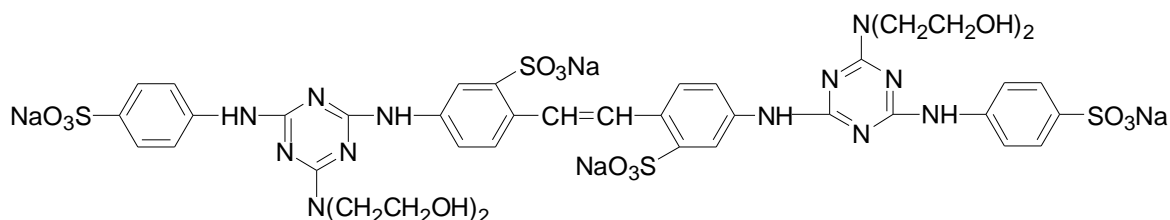
Website: www.richfortunechem.com

Optical Brightener APC (C.I.220)

Introduction:

APC is a stilbene triazin tetra-sulfonic sodium class optical brightener suitable paper and textile industries.

Structural Formula:



Details:

CAS 16470-24-9

Molecular formula : $C_{40}H_{40}N_{12}Na_4O_{16}S_4$

Molecular weight : 1165.12

Appearance: amber transparent liquid.

Properties :

APC can be mixed with water at any ratio, suitable for automatic continuous addition & gauge.

Good resistance to acid, it can impart excellent whitening effect under low pH. It has good sunlight fastness and alkaline resistance compared with other similar products. Anionic type brightener, It can be used along with anionic or nonionic surfactant in one bath. Good resistance to hard water, the ions of Ca^{2+} and Mg^{2+} nearly no influence on its whitening performance, but it is unendurable to the heavy metal ion such copper, iron, etc.

Applications :

APC is used in paper pulp bleaching, surface gluing and coating mixtures.

Method of usage:

The recommended loading concentration when used in surface gluing is 0.5-10g/L. it can get better effect used together with CMC, PVA. Recommended loading concentration when used in coating is 0.1-14%(coating weight). It can be changed depending on substrate, processing conditions, and long-term stability requirements.



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Please Noted: above recommended loading can be a reference. Exact loading must be determined by specific requirement.

Packing: 200Kg plastic drum.