



Dalian Richfortune Chemicals Co., Ltd.

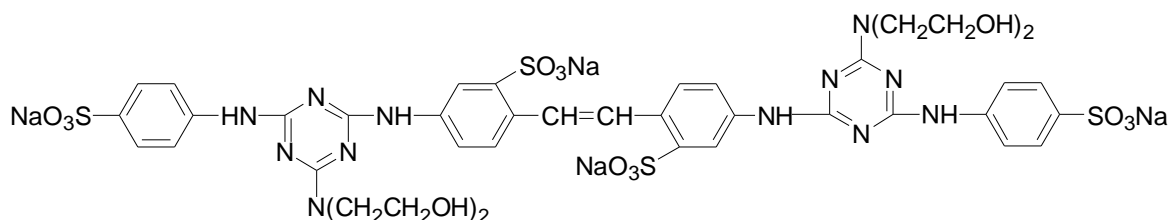
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Optical Brightener BBU (C.I.220)

Introduction:

BBU 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: Light yellow uniform powder

Properties :

- 1 . Good water solubility, It can be dissolved in water, the ratio is 1: 3. The solution can keep stable without adding other additives.
- 2 . Anionic type brightener, It can be used along with anionic or nonionic surfactant in one bath.
- 3 . 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.
- 4 . General acid-resistance and the optimal applied situation is PH value > 7 .
- 5 . Good resistance to peroxide bleach agent and containing reductive bleaching agent(sodium hydrosulfite).

Applications :

BBU is used in paper pulp, sizing process and coating mixtures. Suitable for cotton fiber and glue fiber. It also can be used in the syrup of white discharge plasma.

Method of usage:



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The recommended loading concentration when used in padding dyeing is 0.1-0.5%, bath ratio is 1:20-30, holding time is about 20-40min at 60-100 . It can be changed depending on substrate, processing conditions, and long-term stability requirements.

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

Packing: 25Kg complex paper bag or carton