



Dalian Richfortune Chemicals Co., Ltd.

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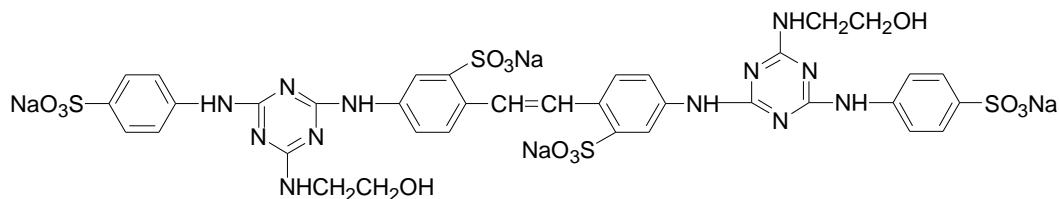
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Optical brightener VBL (C.I.85)

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

Structural Formula:



Details:

CAS: 1224-16-7

Molecular Formula : $C_{36}H_{34}N_{12}Na_2O_8S_2$

Molecular Weight : 872.84

Appearance: Light yellow uniform powder

Properties :

VBL as an anionic type Brightener can be soluble in soft water and resistance to acid at pH 6-11. It can't be resistant to Cu^{2+} and Fe^{2+} , it is stable to rongalite but can't be baked under high temperature. it can be used along with anionic surfactant or nonionic surfactant in one bath, and it can't be used with cationic dyestuff and surfactant.

Applications :

it is widely used in paper making and pulp or coating industries. Is suitable for polyvinyl alcoholic fiber and polyamide fiber. It can also be used in cotton and gluing products, has good affinity with cellulose fiber.

Method of usage:

The recommended loading concentration when used in dyeing is 0.08-0.3%, bath ratio:1:40 under 60 . Recommended loading concentration when used in paper industry is 0.1-0.3% (dry pulp 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: 25Kg complex paper bag or carton