



Dalian Richfortune Chemicals Co., Ltd.

12A-11 Yangguang Shuma Building, 596 Huang Pu Road,

DaLian, Liaoning 116023, China

Tel: +86-411-84820922/84821539

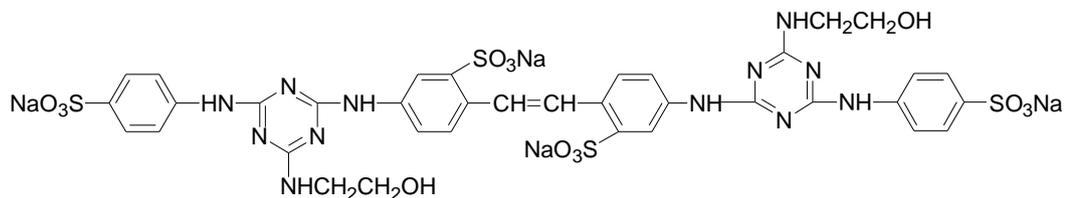
Fax: +86-411-84821380

Website: www.richfortunechem.com

Optical brightener VBL (C.I.85)

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

Structural Formula:



Details:

CAS: 1224-16-7

Molecular Formula : C₃₆H₃₄N₁₂Na₂O₈S₂

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 Cu²⁺ and Fe²⁺, 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