

SHANDONG JILING CHEMICAL CO.LIMITED

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TECHNICAL DATE SHEET

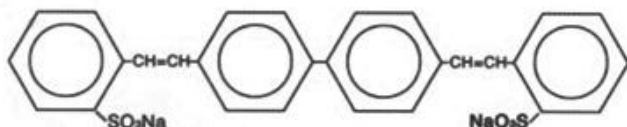
1. PRODUCT NAME: Optical Brightener Agent CBS-X

C.I.: Fluorescent Brightener

CAS: 27344-41-8

MOLECULAR FORMULA: C₂₈H₂₀Na₂O₆S₂

STRUCTURAL FORMULA:



MOLECULAR WEIGHT: 562.60 (As International relative Atom Mass 1997)

EXECUTIVE STANDARD: HG/T3726-2003

2. SPECIFICATIONS AND PROPERTY:

Item	Indices
Appearance	Pistachio granule
Smell	No special smell
Max UV absorption wavelength, nm	348±1
Extinction value	0.829-0.885
1% Extinction coefficient	1105-1181

Optical Brightener CBS-X is a disulfonic distyrylbiphenyl biphenyl compound, which is the most excellent brightener used in detergent industry. It can soluble in water easily and has better whitener effect on cellulose fiber, polyamide and proteinic fiber at room temperature. It has high brighten intensity on cotton cloth as much 2.7 times diphenylethylene triazine derivatives, and has well optical blue color monitor, dissolve and disperse properties. It has extremely high stability with hypochloride sodium, it is a bleaching resistant optical brightener.

3. APPLICATION:

Used in detergent industry and soap industry.

4. PROCEDURE:

1. It can be added in any procedure of the process of synthetic detergent and soap. It can get excellent effect if used together with optical brightener 31# .

2. Recommended dosage :

Common washing powder: 0.02-0.05% Soap:0.01-0.05%

Concentrated washing powder: 0.05-0.2% Soft agent of fabric fiber: 0.01-0.05%

Liquid detergent: 0.05-0.2%

Washing syrup: 0.02-0.05%

5. PACKAGE:

Packed per 25kg in cardboard bucket or cardboard box after being packed in plastic bag first.

6. TRANSPORTATION:

Avoid inversion, sunlight, moisture and crash. Avoid damage the package.

7. STORAGE:

Should be stored in cool, dry and ventilate place, and storage term should not exceed 2 years.