

Technical Data Sheet

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Item Name:

CBS-X

PRODUCT INFORMATION

Chinese Name:	荧光增白剂 351#
Commodity Name:	Optical Brightener 351# or CBS-X
Chemical Name:	4,4'-Bis(2-Disulfonic Acid Styryl) Biphenyl
Other Name:	Fluorescent Brightener
CAS No.:	27344-41-8
Molecular Weight:	562.6
Molecular Formula:	$C_{28}H_{20}S_2O_6Na_2$

PRODUCT DESCRIPTION

CBS-X is a disulfonic distyrylbiphenyl compound, has better brighten intensity on cotton cloth as much as 2.7 times as bis(triazinylamino) stilbene derivatives, and has good optical blue color monitor, dissolve and disperse properties.

CBS-X has good dispersing ability when dissolving, and stable in the solution of sodium hypochlorite, so it's compatible with detergent with bleaching agent.

CBS-X is environmental friendly, considering the small dosage in the detergent system, the residue on fabrics is very limited, and it can be light degraded and biodegraded easily. Different tests proved that CBS-X will not accumulated in fishes' organs.

CBS-X is non-toxic and no harm to human, and no irritation to skins either.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	Yellowish green powder or granule
Odor	Odorless
Max UV absorption Spectrum by nm	348 - 350
Extinction value	0.829 - 0.885
1% extinction index (E index)	1105 - 1181
Moisture by wt %	5.0 max

MAIN APPLICATION

Normal detergent powder, Concentrated detergent powder, Liquid detergent, Soap, Softener, Washing syrup and etc.

PACKING, LOADING AND SHELF LIFE

Packing: 20kg cartons with PE liner or 25kg fiber drums with PE liner

Loading: 9~10mt/20'fcl

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.