

## Britemax CBS-X

### Optical Brightener high extinction

CAS nr: 27344-41-8  
EC nr: 248-421-0

#### Product information

Synonyms: Disodium 2,2'-([1,1'-biphenyl]-4,4'-diyldivynylene)bis(benzenesulphonate),  $C_{28}H_{20}O_6S_2 \cdot 2Na$

Britemax CBS is an optical brightener for use in detergent, paper, textile. Optical brighteners are fluorescents which absorb light with dark colors like brown, grey. They emit light blue and yellow. This way, even smudged surfaces look brighter than they in fact are.

Britemax CBS is the stronger optical brightener compared to Britemax AMS and Britemax DMS-X.

#### Product specifications

	Britemax CBS-X	Britemax CBS-33%	Britemax CBS-CL
Appearance	Green yellowish granule	Pale yellow slurry	Pale yellow transparent liquid
Active content	90%	33%	10%
Max absorption (wavelength), nm	348 - 350	-	-
Density	400-600 g/l	-	-
E-Value, Extinction index	1105 - 1181	-	120.0 - 130.0
Moisture, %	<5	-	-

[Change specifications](#)

## Commercial

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Packaging granules:

20kg and 25kg bag in cardboard box, 350-500-1000-1100kg bigbag, in silotruck (bulk)

Packaging liquid:

25liter jerry can, 200liter drum, 1000liter IBC, 24mt in ISO tank container (bulk)

Lead time granules 20kg and 25kg in boxes in Europe:

1 week

Lead time liquid and granules other packaging types:

6 weeks

## Technical

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Granular Britemax CBS has an extinction co-efficient of around 1140. Dissolved Britemax CBS-CL has an extinction of around 125. This is the ratio between incoming and remitted light.

Ask for our custom made particle size distributions and water dissolution rates.

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