

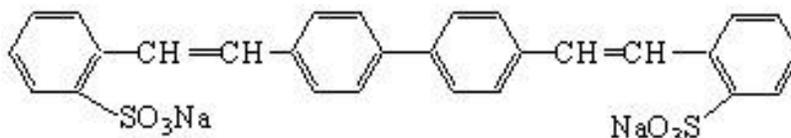
OPTICELL CBS

Opticell CBS is an optical brightening agent designed for all type of powder conventional and compacts detergents, soaps, structured liquid detergents and softeners.

Opticell CBS absorbs the light in the ultraviolet range of the spectrum (under 370 nm) and re-emit this light in the visible range (435 nm) giving a fluorescent effect that produce better brightness and whiteness at the surface where it is applied.

Properties

<i>Appearance:</i>	Non volatile yellowish green fine powder
<i>Chemical nature:</i>	Distyryl-diphenyl derivative
<i>Ionic character:</i>	Anionic
<i>Active content:</i>	90.0 ± 3.0%
<i>Purity:</i>	≥ 99.0 %
<i>Solubility:</i>	25.0 g/L at 25°C in distilled water
<i>Chemical structure:</i>	



Fastness

Opticell CBS is stable against whitening agents such as sodium hypochlorite and peroxides, and also it has acids and alkali fastness. The stability to whitening agents and alkali substances is an important factor in liquid washing as in the detergents formulation.

Application

In blend, **Opticell CBS** may be used to give an effect of intense white in fiber over the entire range of temperature, as in the case of cold and warm washing. Its good acid fastness ensures a perfect process even for a low pH.

Básicos y Colorantes, S.A. de C.V.

San Francisco No 12, Col. San Francisco Cuautlalpan, Naucalpan Edo. de México
Tel. +52 55 5358-2011, Fax. +52 55 5358-2685, <http://www.byc.com.mx>

Opticell CBS performs the appearance of conventional and compact powder detergents, soaps, structured liquid detergents and softeners.

Opticell CBS may be easily processed by any method of adding as spray drying, agglomerate, post-blend and blend in spray.

Dosage

The recommended application areas of **Opticell CBS** are summarized as follows with the adding levels based in the detergent weight.

Conventional powder detergents	0.05-0.25%
Compact powder detergents	0.10-0.40%
Non structured liquid detergents	0.05-0.40%
Structured liquid detergents	0.05-0.15%
Anhydrous liquid detergents	0.10-0.40%
Detergent bars	0.05-0.15%
Soap bars	0.02-0.05%
Industrial detergents	0.20-1.00%
Softening rinses	0.02-0.05%
Creams	0.05-0.15%

Toxicology

Because of the **Opticell CBS** is highly efficient, can be added in laundry detergents at lower concentrations than the conventional whitening agents. Exhaustive trials carried out up to now have shown the concentrations indicated in this technical data sheet, **Opticell CBS** can be used without risk for the recommended applications.

Opticell CBS has shown to be degradable. In aqueous environment experience a fast photodegradation and form metabolites, which are biologically degradable.

The toxicological assays which have been obtained with **Opticell CBS** show that the product is not hazardous for health.

Packaging and Storage

Opticell CBS is not classified as hazardous. This product should be stored in fresh areas. Keep away from foodstuffs.

Packing: 25 Kg. polypropylene bags

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. Básicos y Colorantes S.A. de C.V. will not be responsible for damages resulting from use of or reliance upon this information.

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