

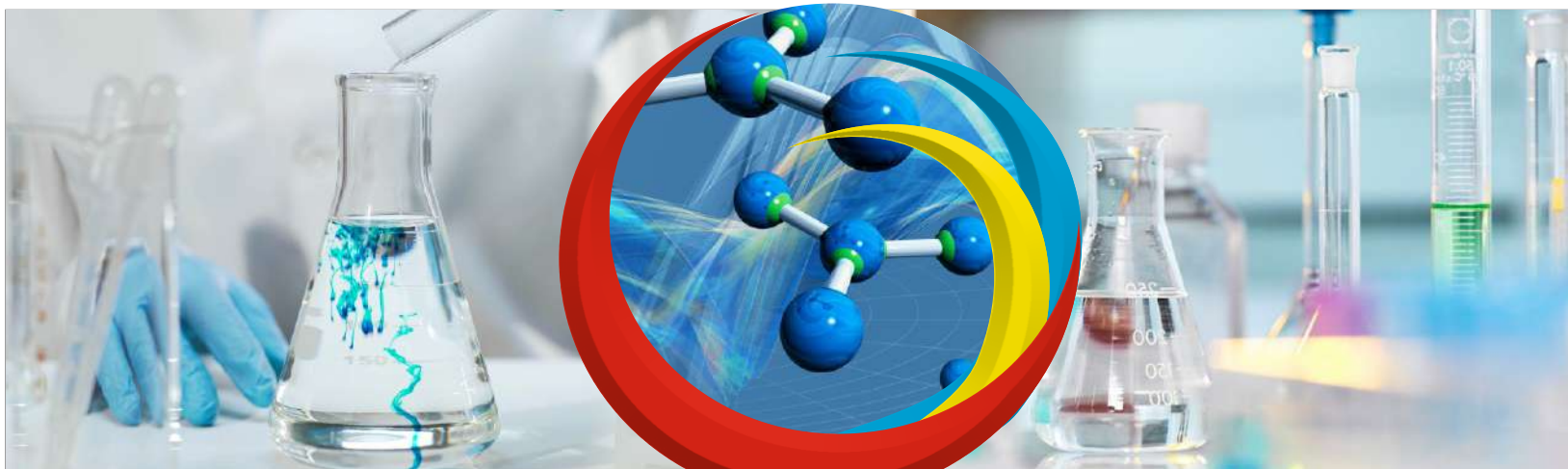


Caring  
For the  
Environment

 **OMNISCENT**<sup>®</sup>  
INTERNATIONAL

**OPTICAL BRIGHTENER**





**An EU approved REACH certified company**

A pure, Transparent, Luminous and Quintessence manufacturer and globally supplier of Optical Brighteners with Rich and Trusted quality.

We, OMNISCIANT based in the bustling city of Rajkot in the state of Gujarat, one of the leading industrial states of the India. Our aim has always been to provide our customers with the highest quality of chemicals while being ecologically sensitive and continuously innovative.

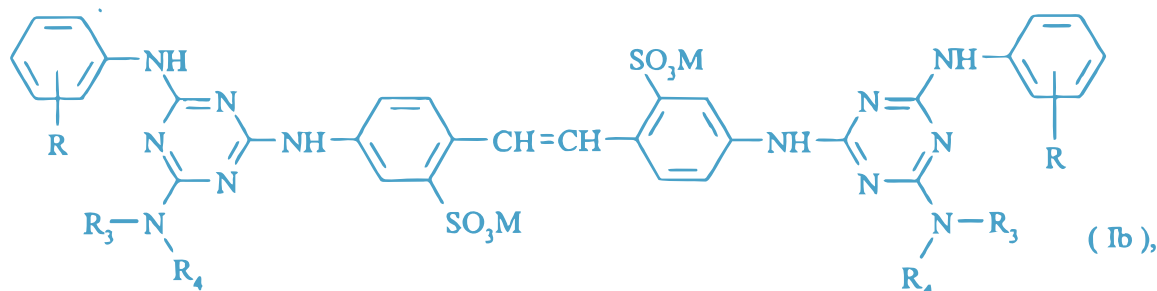
Our products are in accordance with the needs of a variety of industries such as Paper, Textiles, Detergents, Plastic, and many more. We have continuously witnessed the desired results and received positive feedback from our customers.

## What are Optical Brightener?

Optical brightening agents (OBAs), also known as fluorescent brightening agents (FBAs), are chemical compounds that give whitening effect to Paper, Fabric, Detergent etc. They do this by absorbing light in the ultraviolet and violet region and re-emit the light in the blue region. This blue light reduces the yellow color of the substrate and give a brightened look. Unlike bleaching, it doesn't leave a yellowish thing and gives a much pleasing whiter-than-white appearance. Such a property sets optical brightening agents apart and makes it a much coveted thing in industries such as Textiles, Plastics, Paper, and Cosmetics.

### Common Uses of Optical Brightening Agents

- 1) Paper brightening (internal or in a coating): To give a whiter and brighter white papers
- 2) Textile whitening: To maintain and improve the brightness of clothes (external, added to fabric finishes)
- 3) Detergent whitener (instead of bluing agents): To add whitening quality to the detergents.
- 4) Fibre whitening in Plastic Materials (internal, added to polymer melts).



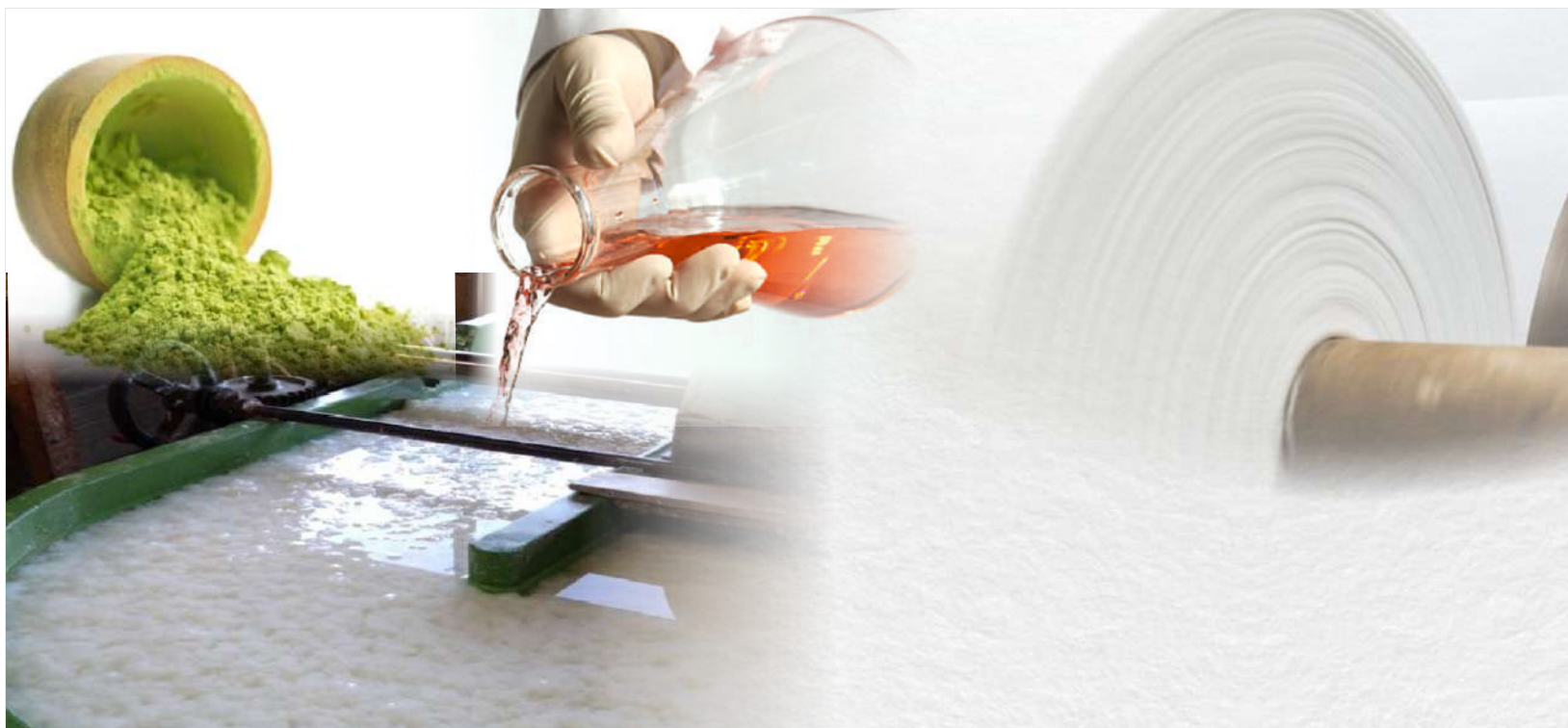


## BRIGHTOMNI Range of Optical Brightening Agents

**BRAND: BRIGHTOMNI**

PRODUCT NAME	CODE	Form	Application	Batch Ratio	Type	Packing
BBU-P - Powder	120	Powder	Paper	165	Tetra Sulpho	25 or 50 kg Bag
BBU-P - Powder (Higher Grade)	450	Powder	Paper	493	Tetra Sulpho	25 or 50 kg Bag
BBU-L - Liquid	120	Liquid	Paper	117	Tetra Sulpho	50kg Drum
SFP-Z Liquid	80	Liquid	Paper	100	Hexa Sulpho	250kg Drum
UP Liquid	130	Liquid	Paper	124	Di Sulpho	225kg Drum
BMK Powder	430	Powder	Paper	447	Di Sulpho	25 or 50 kg Bag
DSP Liquid	82	Liquid	Paper	99	Tetra Sulpho	225 Kg Drum
BBN CONC Powder	250	Powder	Textile / Paper	291	Tetra Sulpho	30 kg
AS Liquid	58	Liquid	Textile	83	Hexa Sulpho	225 Kg Drum
SI Liquid	120	Liquid	Textile	127	Tetra Sulpho	40 kg Drum
2B Powder	120	Powder	Textile	158	Tetra Sulpho	30kg Drum
TG Liquid	130	Liquid	Textile	158	Di Sulpho	40kg Drum
OB DT Powder	1100	Powder	Detergent	1550		
D MAX Powder	435	Powder	Detergent	469		





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Paper Industry: We all want our papers to be as white as possible, don't we? Well, that's where optical brightening agents come in. The raw material of paper often consists of impurities such as snippets of bamboo sticks and wood. These impurities dampen the brightness of the paper and that's why this sector creates a lot of opportunity for optical brightening agent manufacturers.

Textile Industry: Another significant usage of the OBAs is in the textile industry where every cloth needs to be bleached before being processed as the raw material is full of impurities that come from pesticides, dust stuck to the fabric while transportation. And in fabrics sourced from animals impurities like animal fats, secretions, etc. need to be removed. However, bleaching doesn't offer complete whitening, which leads to the necessary usage of Optical Brightening Agents (OBAs).

Detergent Industry: The biggest requirement of OBAs is in whitening the clothes and therefore, it's no surprise that the detergent industry is the largest user of the fluorescent brighteners. As we all have experienced, clothes lose their natural whiteness over the course of time. That's where optical brighteners come in not just to protect that whiteness, but also to enhance it by converting low-density colours to the ones with higher density.

Other Industries: Apart from detergent, paper and textile industry, there are other industries where optical brightening agents suppliers supply OBAs. Unlike the above-mentioned industries, these industries make the use of the brightening property of brighteners. The plastic industry, the paint industry and the cosmetic industry are the leading examples of these industries.



a  
step to  
**BRIGHTEN**  
THE  
world



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