

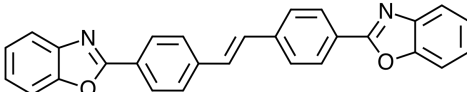
## SPERSEBRIGHT OB-1

OB-1 is an optical brightener used to increase the whiteness and brightness of plastics and synthetic fibers.

### Performance benefits

- Bluish-white fluorescence compensates for yellowing in plastics and synthetic fibers
- Low volatility and excellent thermal stability
- FDA cleared for use in all polymers (refer to 21 CFR §178.3297)

### Chemistry and typical properties

Chemical name	Benzoxazole, 2,2'-(1,2-ethenediyl)di-4,1-phenylene)bis-
Synonym	Fluorescent brightener 393
CAS No.	1533-45-5
Chemical structure	

Appearance	light yellow crystalline powder
Melting range	> 359°C
Specific gravity	1.342

### Applications

- Synthetic fibers (PET, polyamide)
- Engineering plastics (PET, recycled PET, PBT, polyamides, polycarbonate)
- Styrenic polymers
- Acrylics

### Guidelines for use

Plastic and fiber applications: 50 to 1000 ppm (0.005% to 0.1% by weight)

Due to the high melting temperature, take care to ensure complete dispersion in the substrate.

Contact us for a custom recommendation for your application.

### Storage, health, and safety

Consult the safety data sheet (SDS) for conditions for safe storage and other important health and safety information. Review the SDS prior to handling or using this product.

### Important notice

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