

MEGAWHITE DT

FLUORESCENT WHITENING AGENT FOR SOAP/DETERGENT

GENERAL SPECIFICATION :

Physical Appearance	Green crystal powder
Chemical composition	4,4'-bis(2-disulfonic acid styryl) biphenyl
Colour Index number	C.I. Fluorescent Brightener 351
CAS Number	27344-41-8
Affinity	High
Insoluble Substance	0.5% max
E-Value	1100 ±50
pH of 1% Solution	7.510.5
Max in ultra-violet Range	348-380 nm
Solubility	25 °C 25g/l 70 °C 100g/l 95 °C 300g/l
Stability with alkaline peroxide	Good
Stability with Hydrosulphite	Good
Stability with Alkalis	Good

PROPERTIES :

Megawhite DT is twin cinnamene biphenyl. Megawhite DT is mainly used in increasing whiteness of Detergent, Soap and extensively used in synthetic washing powder especially suitable for liquid detergent. It is soluble in water, and has a s much 2.7 times brightened effect on cotton cloth as Diphenylethylene twin triazine derivatives and has well optical blue color and dissolved dispersion. Megawhite DT has perfect durability against chlorine/oxygen bleaching, strong whitening strength and good solubility in water under low temperature. It is one bleaching resistant Optical Brightener.

Megawhite DT does not turn fabrics yellow or color change after being washed again and again.

Megawhite DT is mainly used as the optical brightening agents for cotton, linen, silk, wool and polyamide fiber etc.

Megawhite DT does not have toxicity and side effect.

APPLICATION :

Megawhite DT can be added to synthetic detergent, scented soap, soaps or dissolved in an ingredient and blended equally at all stages of processing.

RECOMMENDED USE :

- 1) It can be added in any procedure of the process of synthetic detergent and soap.
- 2) Recommended dosage is as follow:

Common Washing powder	: 0.005-0.03%
Soap	: 0.01-0.05%
Concentrated Washing Powder	: 0.01-0.05%
Soft agent of fabric fiber	: 0.01-0.05%
Liquid Detergent	: 0.02-0.06%
Washing syrup	: 0.005-0.02%

STORAGE :

Keep in cool dry place; keep away from sunlight, provided the usual precautions for handling chemicals are observed. Avoid dust formation and ignition sources.

NOTE :

The information and recommendation contained in this data sheet are to the best of our knowledge correct, but no guarantee is given in this respect and responsibility can be accepted for the result obtained.

