

# MEGAWHITE DMX

FLUORESCENT WHITENING AGENT FOR SOAP/DETERGENT

## GENERAL SPECIFICATION :

Physical Appearance	Off-White Powder
Chemical composition	4,4'-Bis((4-anilino-6-morpholino-1,3,5-triazine-2-yl)amino)stilbene 2,2-disulfonate 2Na
Colour Index number	C.I. Fluorescent Brightener 71
CAS Number	16090-02-1
Bulk density	350-400g/L
Affinity	High
Insoluble Substance	0.5% max
E-Value	415 ± 10
pH of 1% Solution	7.5 ± 0.5
Max in ultra-violet Range	348-380 nm
Solubility in soft water	5g/Lat98 °c
Stability with alkaline peroxide	Good
Stability with Hydrosulphite	Good
Stability with Alkalis	Good
Stability with Hard water	Good
Doses	0.1% to 0.5% of the weight of Detergent





## **APPLICATION :**

Megawhite DMX can be used in all detergents (powder, paste and light and heavy duty liquids), soap powder and soap bars for laundering textiles.

Megawhite DMX can be used in production of powder detergents by all usual processes e.g. pressure jet spraying, spray mixing, and dry mixing.

Megawhite DMX is stable to alkali, perborate, peroxide and TAED under conditions usually found in household and commercial laundering.

When already present on the fiber, Megawhite DMX has good fastness to chlorine bleaching. Only small reduction in brightness occurs when bleaching is carried out in, for example, a solution of hypochlorite containing up to 500 ppm available chlorine. Megawhite DMX is a cost effective brightener under above conditions.



## **IMPROVEMENT IN APPEARANCE OF THE DETERGENT :**

Megawhite DMX considerably improve the appearance of powder detergent. Particularly good results are obtained in pressure Jet Spraying when Megawhite DMX is added to the slurry as the last components before the phosphate is added.

## **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.