

H&I Chemicals Ltd

Hesketh House, 5 Ashfield Road
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SALES SPECIFICATION

MEGA WHITE DMX

Cas Number: 16090-02-1

Physical Appearance: Off-White to yellow pale granules

Chemical composition: 4,4'-Bis((4-anilino-6-morpholino-1,3,5-triazine-2-yl) amino) stilbene
2,2-disulfonate 2 Na

Traizine content: $\leq 0.78\%$

Colour Index number: C.I Fluorescent Brightener 71

Bulk density: 350 -450 g/l

Affinity: High

Active content: 67-70%

Insoluble substance: 0.5% max

E-Value: 435 ± 15

Moisture: 3% Max

pH of 1% solution: 10.5 ± 0.5

Max in ultra-violet range: 348 – 380 nm

Solubility in soft water: 5g/Ltr 98°C

Stability with alkaline peroxide: Good

Stability with hydrosulphite: Good

Stability with alkalis: Good

Stability with hard water: Good

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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.

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

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

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.

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