



Dalian Richfortune Chemicals Co., Ltd.

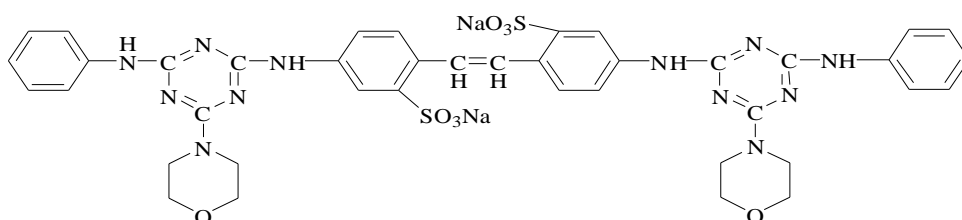
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Optical Brightener DMS(C.I.71)

Introduction:

DMS is a disulfonic stilbene triazin class optical brightener suitable for synthetic detergent, soap and washing powders. It can also be used in dyeing industries.

Structural Formula:



Details :

CAS :16090-02-1

Appearance White or light yellow even powder

E-Value(UV absorption): 416 ± 13

Properties:

Optical brightener DMS has less solubility than VBL and 31#, it can be solved with hot water and form about 10% solution. It should be used immediately when the solution is ready and avoid sunlight. but owing to introducing the morpholine group, its properties of perborate resistance and resistance to acid has been improved. It has better resistance to chloride bleaching than VBL and 31#. It can meet all needs of detergent industry.

Applications:

DMS can be used in detergent industry, for the synthetic detergent, toilet soap and soap, suitable for fabric of cotton fiber, nylon, etc, taking on excellent whiten effect on artificial fiber, polyamide, vinylon, also has well whiten effect on casein fiber, amide plastic.

Method of usage:

The recommended loading concentrations for detergent industry is 0.1 % to 0.5% and dyeing industry is 0.1-0.3% depending on substrate, processing conditions, and long-term stability requirements.

Please Noted: above recommended loading can be a reference. Exact loading must be determined by compositions of the specific polymer system

Packing: Packaged in plastic drum, 25kg each.