Tinopal® SFP

Product Description

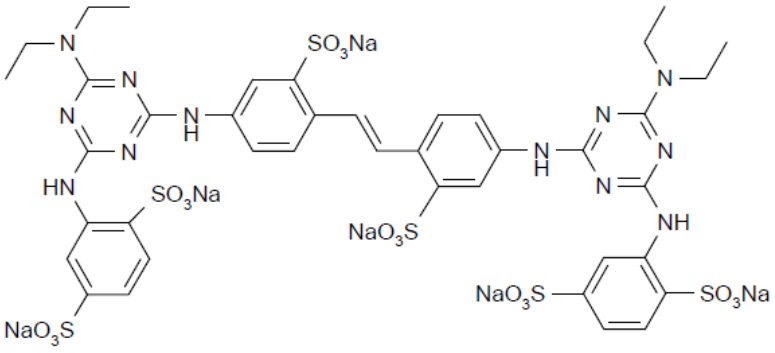
Tinopal SFP is a fluorescent optical brightener for photographic color developer baths, adhesive compositions, or as fluorescent tracers.

Key Features & Benefits

- Brilliant bluish whitening effects
- Anti-stain properties
- Excellent solubility in water

Chemical Composition

Hexasodium 2,2'-[vinylenebis[(3-sulphonato-4,1-phenylene)imino[6-(diethyl-amino)-1,3,5-triazine-4,2-diyl]imino]]bis(benzene-1,4-disulphonate)



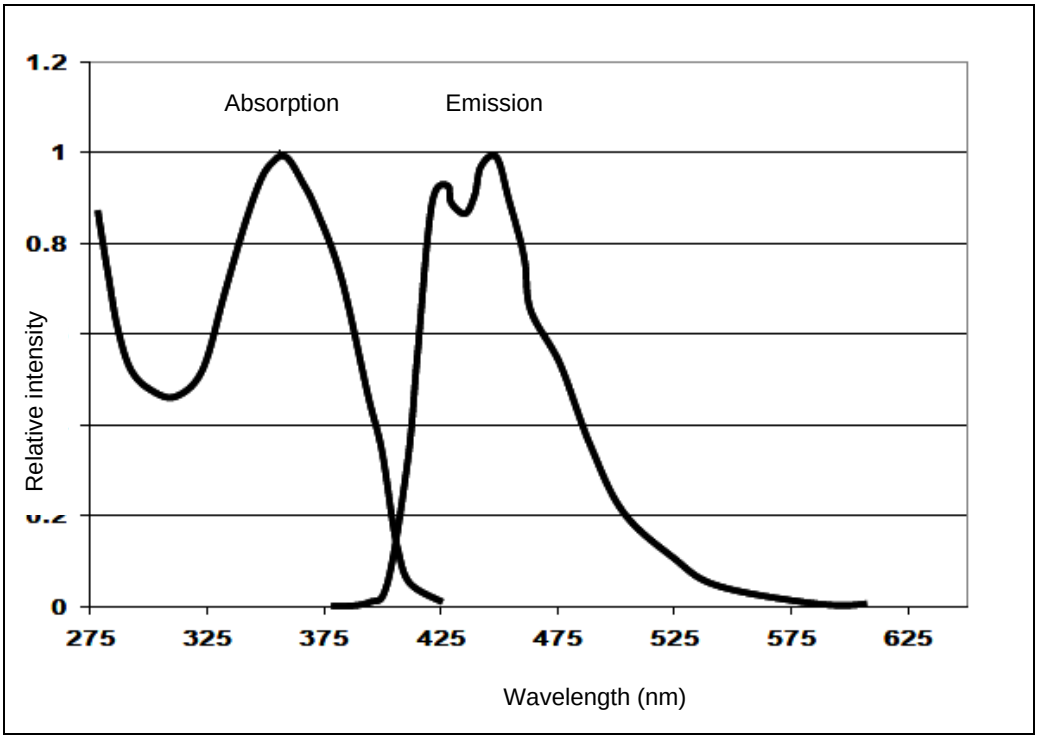
Properties

Typical Properties

Appearance		light yellow powder
CAS number		41098-56-0
Molecular weight	g/mol	1,305
pH in deionized water (at 20°C / 68°F)		8 – 10.5
Solubility in deionized water (at 20°C / 68°F)	g/g solution	> 100/100
Iron content	ppm	< 25

* These typical values should not be interpreted as specifications.

Absorption and Emission Spectra in a 1:1 blend of DMF and water (cell thickness = 1cm)



Application

Tinopal SFP is a fluorescent optical brightener that provides anti-stain properties and brilliant bluish whitening effects in photographic color developer baths to enhance the apparent whiteness of processed color prints, where it may also act as both an optical brightener and as anti-stain agent.

Tinopal SFP is recommended for applications such as:

- Photographic color developer baths
- Water-based coatings
- Over print varnish applications

Processing

The high water solubility of Tinopal SFP allows easy incorporation into the Part A of a typical color developer. It is recommended to dissolve the quantity of Tinopal SFP in water and then to add the organic solvent to the solution.

Recommended Concentrations

The amount of Tinopal SFP required for optimum performance should be determined in laboratory trials covering a concentration range and is dependent upon the type of color paper to be processed and the type of color developer used.

- 0.5 – 1.0 g/l color developer at working strength.

Safety

General

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State, and Local health and safety regulations, thorough ventilation of the workplace, good skin care, and wearing of protective goggles.

Safety Data Sheet

All safety information is provided in the Safety Data Sheet for Tinopal SFP.

Storage

Please refer to the “Handling and Storage of Polymer Dispersions” brochure.

Important

WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, THEY ARE PROVIDED FOR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, BASF RECOMMENDS THAT THE READER MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR A PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESCRIPTIONS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF BASF'S TERMS AND CONDITIONS OF SALE. FURTHER, THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY BASF HEREUNDER ARE GIVEN GRATIS AND BASF ASSUMES NO OBLIGATION OR LIABILITY FOR THE DESCRIPTIONS, DESIGNS, DATA OR INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT THE READER'S RISK.
Tinopal is a registered trademark of BASF Group.

Responsible Care®
Good Chemistry at Work

BASF Corporation is fully committed to the Responsible Care® initiative in the USA, Canada, and Mexico.
For more information on Responsible Care® go to:
U.S.: www.basf.us/responsiblecare_usa
Canada: www.basf.us/responsiblecare_canada
México: www.basf.us/responsiblecare_mexico

BASF Corporation
Dispersions and Resins
11501 Steele Creek Road
Charlotte, North Carolina 28273
Phone: (800) 251 – 0612
Email: CustCare-Charlotte@basf.com
www.basf.us/dpsolutions