



Technical data Sheet

SARAFAST AS NEW LIQ

UV Absorber for Technical Textile

Product Information

- Sarafast AS New Liq. is a Triazine based dispersion, suitable for High Temperature Exhaust Application, printing and continuous pad-thermosol application.
- It is suitable for Dyeing and printing of polyester Fibres, modified polyester Fibres and their blends that are exposed to critical light and heat conditions. This intense light and heat often cause fabric color to fade more quickly and polyester Fibre to weaken.
- The light fastness requirements specified by motor vehicle manufacturers are therefore extremely high, and only carefully selected products can meet them.
- This applies in particular to textiles in the automotive sector such as upholstery fabrics, interior linings and seat belts.
- Sarafast AS New Liq. provide outstanding stability against heat and light.

Key Features & Benefits

Key Features	Benefits
UV absorber	Reduces fibre damage
Triazine chemistry: Triazine chemistry is undeniably a cornerstone of modern industrial advancements, known for best UV stability.	Counteracts photochemical Fibre and dye degradation, especially on long-term exposure to light and heat
Outstandingly stable to heat and light.	Safe fulfillment of light fastness requirements even after post-setting and molding processes. Fast to sublimation, no tendency to fogging.
Highest extinction rates over a wide range of UV rays.	Full absorption of UV rays hence maximum light fastness, functionality and stability of PES Fibres
Highly Exhaustible	In exhaust dyeing processes, the product is completely picked up by the polyester material and builds-up to a high level of UV absorption - thus showing a high efficiency in reducing colour fading.
Stable to alkaline conditions.	Suitable for dyeing in alkaline conditions as well as alkaline discharge printing processes.
Low viscosity and good storage stability.	Pumpable and easy to handle. Suitable for container transport and storage.
Fine particle size with remarkable dispersion stability properties.	Homogeneous dispersion, even at a high heating rate and under unfavorable dyeing conditions like package dyeing.
Good dispersion stability and low foaming	Suitable by exhaust method in soft flow, package & jet dyeing machine.

Disclaimer

Typical properties should not be considered as specification.
Product covered by valid patents are not offered or supplied for commercial use. The Patent position should be verified by the customer.
Products will not be supplied to countries where they could be in conflict with existing patents.
Products currently covered by valid US patents are offered for R&D use in accordance with 35 USC 271 (e) (I)
Above information is given in good faith and without warranty.



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General Characteristics

Physical appearance	:	White , Low viscosity dispersion
Chemical Constitution	:	Dispersant- containing Triazine derivative
Ionic nature	:	Non-ionic
pH of 1% solution	:	6.5-8
Specific Gravity at 20°C	:	1.05 g/cm ³
Miscibility	:	Dispersible with water
Compatibility	:	Compatible anionic and non-ionic products

Application

Sarafast AS New Liq is used for dyeing and printing textile made from Polyester Fibres, modified Polyester Fibres and their blends that are exposed to extreme light influence.

Sarafast AS Liq is water dispersion UV absorber for polyester fiber and blends . it can be applied during dyeing and printing of polyester fabrics by exhaust and thermosol process

Stir well before removal from the container

1. Exhaust application during polyester dyeing with disperse dyes.

- Dosage : 1.5-6%(on weight of the fabric)

2. Thermosol pad application

- Dosage : 20-60 g/l(50-60% liquor pick-up)

Note

- Sarafast AS New Liq. can be applied in presence of carrier, however the carrier residues may impair the light fastness properties of fabric.
- The effects attainable depend on the type of polyester Fibre (texture, amount of delustrant, denier and cross section), the dyes used and the individual shade.
- Sarafast AS New Liq. shows a slightly yellow self-shade in printing and pad-thermosol application. Certain bright shades might be impaired by this whereas on trichromatic systems it could minimize the fading of the yellow component.

Precautions

Storage : Store in cool, ventilated shed away from heat and direct sunlight. Storage temperature should not exceed 35 deg C. Close lids firmly to avoid contact with air and moisture.

Shelf Life : 12 months from the date of manufacturing, if stored under controlled conditions.

Packing: 50 kg, 200 kg HDPE Drum

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