



# Sarex Chemicals

(A Divn. Of Saraf Chemicals Pvt. Ltd.)

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## PRODUCT LITERATURE

### YUVI-493

#### Product Information

Yuvi-493 is a UV absorber for Polyester. It reduces the fibre damage due to photo chemical degradation. Yuvi-493 has very good dispersion stability and is therefore particularly suitable in exhaust method of application. Yuvi-493 has no influence on the shade of dyeings.

#### Key Features & Benefits

##### Key Features

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UV absorber

Good dispersion stability  
and low foaming

##### Benefits

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Reduces fibre damage

Suitable by exhaust method in soft flow,  
package & jet machine's during dyeing

#### General Characteristics

Physical appearance : Greenish yellow liquid

Ionic Nature : Anionic

pH of 1% solution : 7 +/- 1

Miscibility : Dispersible with water

Compatability : Compatible with anionic and non-ionic products

Stability : Stable to dilute acids and dilute alkalies

#### Application

1. Exhaust application during polyester dyeing with disperse  
dyes.

Dosage : 2-4%

2. Thermosol pad application

Dosage : 10-30 g/l

Note:

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- Yuvi-493 can be applied in presence of carrier, however the  
carrier residues may impair the light fastness properties of fabric.



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- Yuvi-493 sublimates at higher thermosoling temperatures. Pre-lab trials are recommended. Sublimation can be compensated by increasing the dosage of Yuvi-493.

#### 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 : 9 months from the date of manufacturing, if stored under controlled conditions.

[The above information is given in good faith and is without warranty]  
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