



Sarex Chemicals

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

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PRODUCT LITERATURE

NYLOFIX-993-CA

Product Information

Nylofix-993-CA is a dyefixing agent for dyed and printed polyamide. After treatment with Nylofix-993-CA improves wet fastness properties. Nylofix-993-CA is stable to wide range acidic pH.

Key Features & Benefits

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Concentrated

Fibre Affinity

Improves the wet fastness properties

Has no effect on shade or light fastness of dyeings

Low foaming

Benefits

Economical

Strong dye fixing agent for acid & metal complex dyes and reserving agent for Polyamide/Cellulosic blends dyeing

Prevents cross-staining during washing

Recipe adjustment not require.

Can be used on soft flow machines

General Characteristics

Physical appearance : Light brown/brown-buff powder

Ionic Nature : Anionic

pH of 1% solution : 8 +/- 1

Miscibility : Soluble in water

Compatibillty : Compatible with anionic and nonionic products

Stability : Stable to dilute acids and dilute alkalies

Application

Exhaust application

0.3-1% Nylofix-993-CA

pH 4-5, temp.70 - 80 deg.C, treatment time 15-20 min.



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Precautions:

Nylofix-993-CA should not to be mixed in concentrated form (e.g. in preparation tanks) with acids as this could cause precipitation. Any precipitate formed, however, can be re-dissolved with a little ammonia.

Aftertreatment is recommended in a fresh bath. It is also possible to aftertreat in the cooling dyebath, provided the bath is largely exhausted, has acidic pH and there are no cationic products in the bath.

Notes:

The handle of the fabrics may change slightly (becoming firmer, fuller), depending on the amount of Nylofix-993-CA used, the fabric construction, and the temperature during drying or post-setting.

The effects obtained by after treating with Nylofix-993-CA are stable to dry heat at the usual setting temperatures, but can be impaired by intense pressure steaming. Increasing the amount of Nylofix-993-CA will often improve the stability of the dyefixation to steaming. Stripping polyamide material treated with Nylofix-993-CA is difficult to re-dye or over-dye. Nylofix-993-CA should therefore be stripped first before redyeing.

For correction of any dyed shade of material aftertreated with Nylofix-993-CA first stripped Nylofix-993-CA by treatment with 0.5 - 1% Sarakol-DTI, pH 5.5, temp. 95 deg.C, treatment time 45-60 mins followed by rinsing. Once Nylofix-993-CA is removed from the substrate, then only stripping of dyestuff or redyeing/ overdyeing can be carried out. The shade after correction can again be fixed with Nylofix-993-CA as per standard procedure.

Instructions For Dilution

Procedure to prepare 35% Nylofix-993-CA

- Take 65 parts of DM water at room temperature
- To this, gradually add 35 parts of Nylofix-993-CA with constant stirring.
- Continue stirring for 30 min to obtain homogenous product.

Preservation: It is recommended to add 0.1% Bronopol (2-Bromo,2-nitropropane, 1,3-diol) or Methyl Paraben (methyl para hydroxy benzoate) as an antimicrobial agent to avoid fungal / microbial growth.



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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 : 8 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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