



# Sarex Chemicals

(A Divn. of Saraf Chemicals Ltd.)

501 Waterford, C Wing, C.D.Barfiwala Marg(Juhu Lane), Andheri (W), Mumbai-400 058. INDIA

Phone (91-22) 4218 4218 Fax (91-22) 4218 4350

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## PRODUCT LITERATURE

### SARAWOOL

#### Product Information

SARAWOOL is wool protecting agent can be used in dyeing of wool and its blends at all stages of processing at low temperatures, at the boil and at high temperatures on all current equipment. It reduces permanent setting of the wool drastically, especially at the boil and improves the mechanical properties of the wool, facilitating further processing and thus enhancing quality.

Also, SARAWOOL can be used for dyeing all protein fibers under critical conditions, e.g. treatments in short liquors, or in winches and jets highly charged with goods that tend to crease or lose dimensional stability.

Anti-felting property of wool makes further processing easier and a more even appearance at all stages of processing. Also no impairment of liquor stability offers improved dependability in processing.

#### Key Features & Benefits

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##### Benefits

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Lubricating

It allows dyeing at a higher speed with minimum weight loss of wool hence higher productivity with higher yarn quality and quantity.

Anti-setting

This imparts soft handle, bulkiness, easy combing and better spinning property

Versatile

Suitable for pretreatment and dyeing of wool and its blends under critical conditions of temperature

Reduction in permanent setting

Improved further processing during carding and spinning. Increased mechanical stability (tensile strength) of the yarn, allowing easier weaving and knitting.

Lubricating

Prevents setting of running marks and creases. Increased mechanical stability (tensile strength and abrasion resistance). Better handle. Better



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dimensional stability on moisture uptake.

#### General Characteristics

Physical appearance : Colourless viscous liquid  
Ionic nature : Nonionic  
pH of 5% solution : 7 +/- 1  
Miscibility : Readily miscible with water  
Compatibility : Compatible with nonionic and anionic products  
Stability : Stable in hard water and to acids, alkalies and electrolytes in the usual amounts

#### Application

For the best effects (anti-felting, anti-setting and lubricating), SARAWOOL should be added to the bath after the penetration accelerant and before the goods.

Dissolving / diluting

SARAWOOL is diluted by pouring on cold or warm water while stirring gently and then added to the treatment bath. Stock solutions are stable for prolonged periods.

Required amounts

The following recommendation is intended as a guideline for reducing wool felting and/or improving running properties of the goods :

1-2 g/l SARAWOOL

This amount can also be used to achieve an anti-setting effect if the pH is highly acid (up to 4.0). At pH 4.0 - 7.0, a peroxide addition is recommended to increase the anti-setting effect.

0.5 - 1.0 g/l SARAWOOL  
0.5 - 1.0 g/l peroxide 35%

\*) As specific dyes (especially certain chroming and 1:1 metal complex dyes) are sensitive to peroxide, preliminary trials are recommended.



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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 : 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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