



Sarex Chemicals

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

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

Phone +91 22 42184218 Fax +91 22 42184350

Email tcmtkg@sarex.com URL www.sarex.com

PRODUCT LITERATURE

SARAQUEST-AO

Product Information

Saraquest-AO is high power sequestering agent specially developed for scouring as well as bleaching of cotton and polyester/cellulosic blends. Saraquest-AO is also suitable for dye bath conditioner.

Saraquest-AO has a high chelating action for calcium, iron & copper under alkaline conditions and high temperature. Thus it not only prevents precipitation of insoluble hydroxides and carbonates which are formed due to alkali used in scouring and bleaching but also chelates iron & copper impurities thereby preventing catalytic damage and pin-hole marks during peroxide bleaching.

Saraquest-AO is suitable for exhaust as well as continuous operation.

Key Features & Benefits

Key Features

High chelation value
for calcium and iron

Good sequestering action
under alkaline pH and
high temperature

Versatile

Benefits

Suitable for processing with hard
water or with high iron content

Suitable for scouring,
bleaching and for dye bath
conditioner

Suitable for exhaust and
continuous application

General Characteristics

Physical appearance : Colourless clear liquid
Ionic nature : Nonionic to weakly anionic
pH of 1% solution : 7 +/- 1
Miscibility : Miscible with water
Compatibilty : Compatible with anionic and nonionic
products
Stability : Stable to dilute acids and dilute alkalies



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Application

1. In scouring, bleaching as well as combined scouring and bleaching of cotton and blends by batch process:

0.5-1 g/l Saraquest-AO can be added with usual recipe to prevent white deposits as well as pin-hole marks due to iron. When Saraquest-AO is added in the recipe, concentration of organic stabiliser can be reduced due to stabilising action of Saraquest-AO.

2. For combined scouring and bleaching on continuous bleaching range

0.5-1 gm/kg Saraquest-AO is recommended

3. For Dye bath conditioner

0.5-1 g/l

Note: Please note that for dosing, 10% dilution of Saraquest-AO is recommended instead of neat solution.

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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