



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

SARAKOL-RDL

Product Information

Sarakol-RDL is a special formulation for dyeing of reactive dyes and vat dyes by exhaust as well as pad application. Sarakol-RDL improves the solubility of reactive dyes under adverse conditions of dyeings such as low liquor ratio, poor quality of salt, hardness in water, poor solubility of dyestuff. Use of urea can be eliminated by addition of Sarakol-RDL. Hence, BOD values of the effluent can be reduced considerably.

Sarakol-RDL act as a solubilising and levelling agent particularly for bath dyeing. It does not affect colour value or tone.

Sarakol-RDL can also be added in print paste to obtain brighter and uniform print.

Key Features & Benefits

Key Features	Benefits
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Solubilising action	Prevents precipitation of low solubility reactive dyes at low MLR.
Reduces strike rate	Uneven dyeing with incompatible dyes can be minimised
Can be added in padding application	Improves dyebath stability and uniformity of dyeings
Does not affect colour value or tone	Recipe correction not require
Low foaming	Suitable for jet and package dyeing

General Characteristics

Physical appearance	: Clear to turbid Brownish liquid
Ionic nature	: Anionic
pH of 1% solution	: 8 +/- 1
Miscibility	: Miscible with water
Compatibility	: Compatible with anionic and non-ionic products
Stability	: Stable to dilute acids, dilute alkalies, salt commonly used in reactive dyeing.



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Application

1. Exhaust process
0.5 - 2 g/l Sarakol-RDL
(Concentration to be added depending on dyestuff and depth of shade)
2. Continuous dyeing
3 - 6 g/l Sarakol-RDL
is recommended in the pad liquor for uniformity of the dyeing as well as good bath stability.
3. Grey dyeing of cotton yarn & knits in medium and dark shades with reactive dyes
0.5 - 1.0 g/l Celldet-R
0.3 - 0.5 g/l Saraquest-W
Treat at 85 deg.C for 15-20 min., cool the bath below required dyeing temperature,
add 1 g/l Sarakol-RDL
Circulate for 5 mins. and carry out isothermal dyeing as recommended by dyestuff manufacturer.
4. Dyeing of Bleached Yarn in package form
0.5 - 0.7% Sarakol-RDL - regular dyes
1 - 1.2% Sarakol-RDL - critical & poor solubility dyes
5. Print Paste
0.3-0.5% Sarakol-RDL

Note:

For all above processes half quantity of Sarakol-RDL to be added during dissolving of the dyestuffs and balance quantity to be added in the dyebath/padding liquor.

Product may show slight settlement on keeping for long time.
Stir well before use if any settlement.

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.



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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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