



Sarex Chemicals

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

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PRODUCT LITERATURE

REATHICK-919

Product Information

Reathick-919 is a sodium alginate substitute for Reactive printing on cellulosic substrates. Reathick-919 exhibit prints with high brightness, high brilliance and high permeability. Reathick-919 has excellent permeability with uniform colour yield. It gives much better and cleaner print than sodium alginate. It is suitable for both, Flat and Rotary screen printing.

Reathick-919 is a non alginate thickener.

Key Features & Benefits

Key features	Benefits
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Excellent permeability	High brightness, high brilliance with uniform colour yield

General Characteristics

Physical appearance	: Off white to creamish viscous liquid
Ionic nature	: Anionic
pH of 1% solution	: 7 +/- 1
Miscibility	: Miscible with water
Compatibility	: Compatible with anionic and nonionic products
Stability	: Stable to dilute acids and dilute alkalies

Application

Recommended recipe:

Reathick-919	: 3.5-5%
Urea	: 5%
Sod.Bicarbonate	: 2.5-3%
Super R Salt	: 1-2%
Water	: Balance quantity
Reactive dye Solution	: As per the requirement

Paste Preparation Method:

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- It is recommended to use either demineralised water (DM water) or cooled steam condensate water for preparation of paste.



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- Take the reactive dyes as per recipe.
- Dissolve in water adding Urea and resist salt.
- Then slowly add Reathick-919 to get desired viscosity.
- Add sodium bicarbonate just before printing and if required, adjust viscosity with addition of small quantity of Reathick-919.

Note:

The dosages of thickener and auxiliaries can be adjusted according to actual practice.

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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