



Sarex Chemicals

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

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PRODUCT LITERATURE

FEDA-SH (MOD)

Product Information

Feda-SH (MOD) is a highly effective alkali buffer for the replacement of soda ash and sodium silicate in Reactive dyeing. It requires 1/4th dosage of the soda ash during dyeing. It posses good solubility in water therefore does not give powdery deposition in machines or on roller. Due to its lower dosage in dyeing, it reduces TDS, COD, BOD load in the effluent. Feda-SH (MOD) Substitutes Sodium Silicate in dyeing hence it is highly recommend for the process house which has RO treatment plant. By using Feda-SH (MOD), no white deposit are observed on machine or on mangle or glass parts on washing machine like the Silicate. With use of Feda-SH (MOD) less frequent grinding of roll is required. It can be applied by dosing system at 20% concentration.

Feda-SH (MOD) can be used to get best dyeing result especially when dyeing yarns; fabric by pad batch or exhaust method.

Key Features & Benefits

Key Features	Benefits
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Reduces reactive dye hydrolysis	Enhanced colour value of dyed fabric
Ecofriendly	Low TDS, COD and BOD value
No Precipitation on fabric of Silicate which is used in pad-batch	No harsh feel to fabric

General Characteristics

Physical appearance	: White powder
Ionic nature	: Anionic
pH of 1% solution	: 13 +/- 1
Miscibility	: Soluble in water
Compatibility	: Compatible with anionic, cationic and nonionic products
Stability	: Stable to dilute acids and dilute alkalies



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Application

1. Recommended dosage : 1/4th to 1/5th of soda ash dosage for all exhaust dyeing.
2. Recommended dosage in Pad batch dyeing

	Medium Shade	Dark Shade	Heavy Dark Shade
Feda-SH (MOD)	7.5g/l	7.5g/l	7.5g/l
Caustic Flakes	1.5g/l	2.5g/l	5-7.5g/l

Feda-SH (MOD) is not recommended for Reactive Print Fixation.

Note:

- Reconfirm the recipe of Feda-SH (MOD) with above dosage
- Use like soda ash with more dilution with fresh water
- To get right first time dyeing, it is recommended to confirm the dyestuff recipe in lab using Feda-SH(MOD) before bulk dyeing.

Instructions for Dilutions:

The product Feda-SH (MOD) if used for auto dosing, then it is recommended to dilute it to 1:4 parts water and filter before transferring to storage tank. Circulation of diluted Feda-SH(MOD) is maintained like soda ash in bulk storage.

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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