



MIRACHEM INDUSTRIES

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TECHNICAL LITERATURE

INSTAWET – NA

Instawet – NA exhibits the superior property of emulsifying, rewetting and **low foaming** apart from stability to alkali, sodium metasilicate, tripolyphosphates, etc. generally used during scouring.





TECHNICAL LITERATURE

INSTAWET – NA

Salient Features:

- Superior action up to the pH – 12.0 region.
- Most suitable for **desizing process**.
- Stable to moderate alkaline conditions.
- Superior wetting and rewetting action for quick wetting of fabric.
- Enhances mobilization and extraction of impurities from the fibre by its dispersing and emulsifying action.
- Fastens the emulsification of fats and waxes.

Properties:

Appearance	: Pale yellow liquid
Chemical Nature	: Blend of surfactants
Ionic Nature	: Nonionic
Solubility	: Highly dispersible in cold water
pH (2% Solution)	: 4.5 – 5.5
Stability	: Resist to Hard Water
Storage Stability	: Stable for 6 months

(When stored in a cool & dry place)





TECHNICAL LITERATURE

INSTAWET – NA

Method of Application:

1. For Washing:

Instawet – NA	→	2.0 – 5.0 gpl
Soda Ash	→	1.0 – 2.0 gpl
Temperature	→	70 – 95 ⁰ C
Duration	→	20 – 30 minutes

For Desizing:

2. Continuous Process:

Instawet – NA	→	2.0 – 5.0 gpl
Emcozyme – HT – SUPER	→	5.0 – 6.0 gpl
pH	→	5.5 – 6.5
Pad – steam @ 102 ⁰ C – Wash		





TECHNICAL LITERATURE

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3. Batch Process:

Instawet – NA	→	3.0 – 4.0 gpl
Emcozyme – 73	→	4.0 – 5.0 gpl
pH	→	5.5 – 7.5
Temperature	→	60 – 80 ⁰ C

Pad – keep for 4.0 hours – Wash

4. Cold Pad – Batch bleaching:

Hydrogen Peroxide	→	25 – 45 gpl
NaOH Flakes	→	25 – 35 gpl
Instawet – NA	→	5 – 10 gpl
Miralyzer – CIPHA Liquid	→	5 – 10 gpl
Mirasek – ETO	→	2 – 5 gpl
Impegration Temperature	→	20 – 40 ⁰ C
Mangle Expression	→	≅ 98 – 100 % For Cotton 70 – 75 % For P/C
Reaction Time	→	16 – 24 hrs.





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General safety instructions:

General safety rules for handling chemicals should be observed in storage, handling and use. The product should not be swallowed. For further information, please consult existing safety data sheet.

Note :

The data contained in this communication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. Responsibility for compliance with the requirements of the downstream textile market rests with the textile processor.

Contact Information:

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