

Nestogen - AIO

All In One Scouring, Wetting Agent For One Bath Dyeing

Nestogen – AIO is highly efficient scouring & wetting agent for the pre-treatment of polyester & its blend processing. It exhibits a range of desirable properties which gives it multiple uses in synthetic textile pre-treatment processing.

Dynamic Properties are as under:

1. Powerful Scouring & Stain removing agent
2. Applied successfully for *All In One scouring and dyeing* at one stage process
3. Powerful wetting agent
4. Very good swelling agent
5. Stable and very effective in alkaline bath too
6. Imparts excellent whiteness to the fabrics
7. High oil, wax and fat emulsifying property

Above all properties impart exclusive and extra-ordinary feel to the treated fabrics.

Characteristics:

Appearance	:	Light Yellowish Liquid
Nature	:	Non ionic
Composition	:	Synergistic blend of surfactants and organic solvents
Solubility	:	Extremely good in normal water
Stability to hard water	:	Good

Guide Recipe:

1. Scouring Of Synthetic Fabrics

Nestogen – AIO	=	0.5 – 1.0 % O.W.F.
Caustic Flakes	=	2.0 – 5.0 gms / lit. (Quantity depends upon quality of fabrics)
Soda Ash	=	Optional ***

The product appearance varies from batch to batch. The colour & viscosity may vary from batch to batch and its intensity is not an indication of product strength.

NONWARRANTY: The suggestions and data in this bulletin are based on information we believe to be reliable. They are offered in good faith but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions on an experimental basis before adopting them on a commercial scale.

2. One Bath Scouring And Bleaching

Nestogen – AIO	=	0.5 – 1.0 % O.W.F.
Caustic Flakes	=	2.0 – 4.0 gms / lit. (Quantity depends upon quality of fabrics)
Soda Ash	=	0.5 – 1.0 gms / lit.
H ₂ O ₂ (50%)	=	2.0 – 5.0 gms / lit.

3. One Bath Scouring And Dyeing

*** It is recommended to give OXALIC wash along with 100 – 200 gms of N.I.D. (9.5 mole) before treating goods.

Nestogen – AIO	=	0.5 – 1.5 % O.W.F.
Acetic Acid (G)	=	0.7 – 1.0 gms / lit. (Quantity depends upon bath condition – pH/4)
Nestogen – LDRL	=	0.5 – 1.0 gms / lit.
Nestol LS Powder	=	0.5 – 1.0 % gms / lit.

- Dose the chemicals at room temperature and run 2 cycles
- Pass the pre dispersed dye at 50-55 Deg C. and run the below program

Temperature	Rate of Rise	Hold Time
50 Deg C	1 Deg C / min	-
60 Deg C	1 Deg C / min	10 min
90 Deg C	1 Deg C / min	10 min
110 Deg C	0.5 Deg C / min	10 min
130 Deg C	0.5 Deg C / min	45 min

Storage Stable under normal conditions.
Packing 50 Kg. Plastic Carboy

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