

TECHNICAL BULLETIN

Textile Processing Compound



Let You LEAD The Process

E-mail : contact@nestorindustries.com

Nesto Scour

Highly concentrated
OXIDIZING AGENT

Nesto Scour is highly efficient substitute in place of peroxide. It is a strong oxidizing agent for use in bleaching, dye-oxidation of vat dye & general textile equipment cleaning and for the pre-treatment of Polyester, Cotton & its blend processing. It exhibits a range of desirable properties which gives it multiple uses in textile pre-treatment processing.

Features

- Does not result in flammability problems in contact with moisture as compared to traditional peroxide based oxidizing agents.
- Non-hazardous based on the OSHA Hazard Communication Standard
- Exhibits good storage stability, shelf life is about two years, if stored in an air tight container.
- It is very economical in use compared to traditional peroxide based oxidizing agents (may generally be used at 1/4 to 1/5th addition rate)
- Fully biodegradable
- May be used in vat colour oxidation on cellulose and protein fibers, clearing and cleaning processed associated with most dye classed.

Typical Physical and Chemical Properties

Appearance	:	White Solid Powder
Nature	:	Non ionic
Ordor	:	No Odor

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.

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Application Criteria

Guide Recipe :

1. Scouring Of Synthetic Fabrics

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

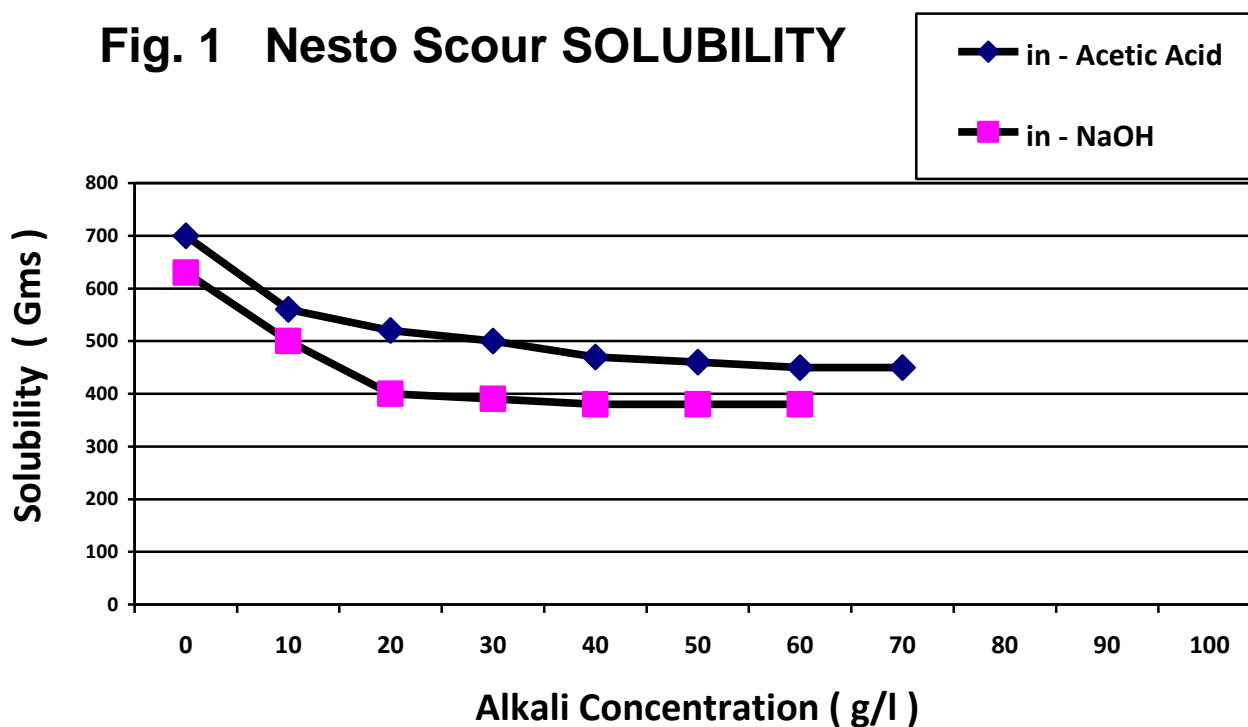
2. One Bath Scouring And Bleaching of Cellulosic Fabric

Nesto Scour	=	1.5 – 2.5 gms / lit.
Nesto Wet 951 Conc.	=	1.0 – 1.5 gms / lit.
Caustic Flakes	=	2.0 - 4.0 gms / lit. (Quantity depends upon quality of fabrics)
Soda Ash	=	0.5 - 1.0 gms / lit.

Nesto Scour exhibits different solubility, activity and stability characteristics depending upon pH conditions, type of activation alkali and time / temperature parameters. The following graphical information is provided for general guidance.

1 - Solubility :

Nesto Scour has limited solubility in water alone. However, it exhibits good solubility characteristics upon alkaline activation. See Fig. 1



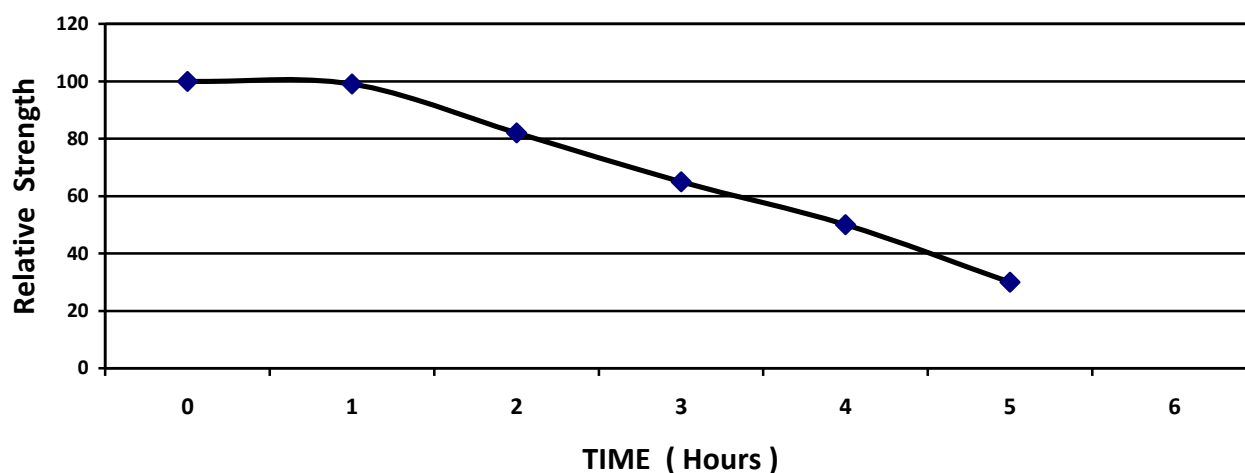
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2 - Stability :

Nesto Scour will gradually break down upon alkaline activation. Fig. 2 illustrate degree of degradation over time based on a typical **Nesto Scour** and alkali combination.

Fig. 2 Nesto Scour STABILITY



Storage Stable under normal conditions.

Packing 25 – 50 Kg. Plastic Bags

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