

## Detex-NS™ Usage

Water washable (and some post emulsifiable) dye penetrant wastes can pose challenges to processing with membrane-based systems due to the presence of certain components in their formulations. These materials can slime over the membranes and dramatically slow processing rates. *INFINITEX* has designed a new additive to combat this problem.

Detex-NS™ is designed to be used as both a membrane cleaner and an anti-foulant in the processing of dye penetrant rinsewaters. As a membrane cleaner it excels at removing the penetrant buildup that naturally occurs on the membrane surface during processing. As an anti-foulant, it helps to prevent the premature buildup that can occur when processing many of the newer penetrant products.

**Membrane Cleaning:** Flush the machine of any residual waste. Add approx. two ounces (one quarter cup) of Detex-NS™ to a 5-gallon pail of water (or equivalent ratio for larger systems) and mix to dissolve. Set the machine timer to the One-hour cycle and process the Detex solution through machine, keeping the permeate hose also in the pail. After cleaning, the dirty cleaner can be added to the next batch of waste to be processed, as it will act as an anti-foulant and help processing.

**Anti-Foulant:** Add approx. 4 ounces (one half cup) of Detex-NS™ to each 50 gallons of penetrant waste to be processed. This amount can be reduced if the dirty cleaner from membrane cleaning is added to the new batch of waste, since the used cleaner contains Detex-NS™.

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