



# Flexiwet™ NRW

Non-rewetting penetrating surfactant for wet processing

## Overview

- Liquid, low odor, non-rewetting anionic surfactant in water
- Non-flammable, non-VOC penetrating surfactant for wet processing applications
- Promotes the penetration and uniformity of oil and water repellent finishes
- Aids in reworking or redyeing of repellent treated fabric without stripping
- Improves dye penetration and leveling in dyeing operations
- Improves bleaching and scouring efficiency
- Promotes finish penetration of substrates that contain residual processing materials
- Versatile wetting agent for use in a wide range of applications including soft and hard surface cleaning
- WERCS ID number: WPS1163618
- WERCS Validation number: 1163618

## Applications

- Upholstery
- Apparel (fabrics of all types)
- Military Quarpel
- Cotton bleaching and scouring
- Textile refinishing
- High performance cleaners

## Technical Information

Flexiwet™ NRW is a low odor, non-rewetting penetrating anionic surfactant for wet processing applications. Non-flammable, non-VOC and APEO-free, Flexiwet NRW produces efficient and uniform wetting on difficult to wet surfaces such as polyolefin, silicone contaminated fabrics, and plastics. Unlike thermally degrading textile finishing agents, the non-rewet performance of Flexiwet NRW is ideal for use with fluorochemical oil and water repellent finishes.

Flexiwet NRW offers dramatic static surface tension reducing capabilities (25-27 dynes/cm at 0.1-0.25% actives) and is compatible with a wide range of finishing agents including fluorochemicals, UV absorbers and optical brighteners. Low foaming, acid and alkaline stable, Flexiwet NRW is an ideal wetting agent for use in bleaching or scouring cotton.

## Formulary

Evaluate at a use rate of 0.1-0.25% as supplied on weight of bath to improve wetting and penetration in wet processing applications.

Add Flexiwet NRW to water with sufficient agitation for uniform dilution, then add finishing agents.

Over application or inadequate drying may leave excessive amounts of Flexiwet NRW on treated surfaces, characterized by its mild soapy odor. If this soapy odor is present, promptly re-dry.

## Typical Properties

PROPERTY	VALUE
Appearance	Clear, colorless liquid
Odor	Mild
Ionic character	Anionic
Water solubility	Soluble
pH (1%aq.)	7±3
Density@25°C	1.00±0.02 g/ml
Boiling Point	100°C
Flash point	No flash below boiling point
Storage	Protect from freezing
Shelf life	12 months

## Packaging and Handling

Flexiwet NRW is available in:  
275 gallon totes (Net Wt. 2200 lbs)  
55 gallon plastic drums (Net Wt. 440 lbs)  
5 gallon plastic pails (Net Wt. 40 lbs)

Refer to the Safety Data Sheet (SDS) for information on the safe use, handling, and disposal of this product.

DOT Classification: Non-Regulated

Whether you're looking for a replacement product or an ingredient for a specific attribute, give us a call. We can provide assistance based upon your particular formulation requirements and composition; please feel free to contact us.

*Please refer to back page for important information*

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