



# Flexiwet™ DST

## Overview

- Partially Fluorinated Surfactant Blend, Designed to Deliver Both Static and Dynamic Surface Tension Reduction
- Combines Effective Wetting and Leveling
- VOC Reducer: Can Typically Eliminate the Need for Solvents in a Formulation System Entirely
- Allows Water-based Coatings & Finishes to Wet Oil Contaminated Surfaces
- Anionic Surfactant: Use with Soft Water, in Non-acidic Systems

## Applications

- Floor Finishes and Polishes
- Aqueous Adhesives
- Paints and Coatings
- Inks and Graphic Arts
- Cleaning and Scale Removal
- Precision Cleaning

## Technical Information

Flexiwet DST is a surfactant blend designed to work as the only surfactant in systems where a balance of wetting, leveling, and emulsification is required. Flexiwet DST has all the dramatic static surface tension reducing capability of a fluorosurfactant (22 dynes/cm at 0.1% actives) while at the same time delivering excellent dynamic surface tension reduction (35 dynes/cm in less than 200 milliseconds, again at 0.1% actives).

This combination of properties lends itself to unique applicability where the wetting properties must develop instantly and yet reach the lowest equilibrium surface tension levels possible. Precision cleaning applications, including wafer polishing, is a good example. Floor finishes where good coverage (wetting into interstices in the floor) and coating smoothness (rapid leveling at the air interface) must both be accomplished, is another.

## Typical Properties

Appearance	Amber Emulsion
Odor	Mild Ammonia
Density @ 25°C	1.10 +/- 0.02 g/ml
Water Solubility	Soluble
Actives	40 - 42%
Flash Point	>200°F
pH	8.0 - 10.0

## Packaging and Handling

Flexiwet DST is available in 55 gallon drums (Net Wt. 440 lbs), and 5 gallon pails (Net Wt. 40 lbs).

DOT Classification is Non Regulated.

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