



# Flexiwet™ CZ-1000

Non-fluorinated Surfactant

## Overview

- Non-fluorinated surfactant mixture
- Provides anti-blocking for paints & coatings
- Surface tension reduction at low loading levels without increased foaming
- Powerful wetting and leveling performance for smoother, defect-free coatings & improved open time
- Does not impart color, or change the optical properties of a coating (beyond potential gloss or DOI - distinctness of image)
- Aqueous Surface Tension, de Nouy ring @ 25°C:
  - 0.05% in water 30.8 dynes/cm
  - 0.10% in water 29.2 dynes/cm
  - 0.50% in water 22.5 dynes/cm

## Applications

- Additive for paints & coatings
- Additive for adhesives
- Additive for mold release
- Additive for polishes & lacquers
- Surfactant for HI&I cleaning formulations

## Technical Information

Flexiwet CZ-1000 is a non-fluorinated surfactant mixture for use in paints & coatings, adhesives, mold release, and HI&I cleaning formulations.

Surface tension reduction can be achieved at low loading levels. This product is an excellent choice for wetting difficult-to-wet substrates such as plastics, oily substrates, and waxy surfaces. The excellent wetting and leveling provides smoother, defect-free coatings. Surface diffusion properties of Flexiwet CZ-1000 deliver block resistance, mold release, and improved release properties for adhesives.

A neutralized version of this product is available as Flexiwet CZ-1040K.

## Formulary

This product is self-dispersible in water, with added IPA or glycol.

The recommended use level for Flexiwet CZ-1000 is 0.1 to 1.0 wt. % (as sold) in the final formulation.

Flexiwet CZ-1000 can be incorporated during the letdown phase of production or post-added to the final formulation.

## Typical Properties

PROPERTY	VALUE
Appearance	Viscous liquid
Color	Colorless to light yellow
Odor	Mild
% Solids	95 to 99
Ionic character	Free acid (est. 580 mg. KOH/g.)
Solubility	Self-dispersible in water, with added IPA or glycol
pH (as is)	1 to 3
Density@25°C	1.1 to 1.2 g/ml
Boiling Point	> 94°C
Flash point	> 94°C (closed cup)
Storage	Perishable if frozen
Shelf life	12 months

## Packaging and Handling

Flexiwet CZ-1000 is available in: 275 gallon totes (2205 lb. net wt.), 55 gallon drums (441 lb. net wt.) 5 gallon pail (40 lb. net wt.)

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

DOT Classification: Corrosive liquid, Hazard Class 8, UN 3265, PG III

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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