



Flexiwet™ CZ-1100

Non-fluorinated Surfactant

Overview

- Non-fluorinated surfactant mixture
- Provides excellent wetting and leveling for coatings
- Surface tension reduction at low loading levels
- Powerful wetting and leveling performance for smoother, defect-free coatings
- Aqueous Surface Tension, de Nouy ring @ 25°C:
 - 0.05% in water 27.4 dynes/cm
 - 0.10% in water 25.6 dynes/cm
 - 0.50% in water 22.9 dynes/cm

Applications

- Wetting & leveling additive for coatings, including floor care applications
- Surfactant for HI&I formulations

Technical Information

Flexiwet CZ-1100 is a non-fluorinated surfactant mixture for use in coatings 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, including floor care applications.

Formulary

This product is self-dispersible in water and soluble in IPA & ethanol.

The recommended use level for Flexiwet CZ-1100 is 0.15 to 0.35 wt. % (as sold) in the final formulation.

Typical Properties*

PROPERTY	VALUE
Appearance	Viscous liquid
Color	Colorless to light yellow
Odor	Mild
% Solids	95 to 98
Ionic character	Anionic
Solubility	Self-dispersible in water, soluble in IPA and ethanol
pH (as is)	1 to 3
Density@25°C	1.2 to 1.3 g/ml
Boiling Point	> 94°C
Flash point	> 71°C (closed cup)
Storage	Freeze/Thaw stable
Shelf life	12 months

*Typical Properties do not represent specification ranges.

Packaging and Handling

Flexiwet CZ-1100 is available in:

275 gallon tote (2375 lb. net wt.)
55 gallon drum (475 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.

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