



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 | Free acid (est. 330 mg. KOH/g.) |
| 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 |

Packaging and Handling

Flexiwet CZ-1100 is available in: 275 gallon totes (2500 lb. net wt.), 55 gallon drums (500 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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