

Formulation Additives

Technical Data Sheet



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Hydropalat® WE 3311

Product Description

Hydropalat® WE 3311 is a high performance, APEO Free, low foam, nonionic surfactant with excellent wetting properties. It is compatible with other nonionic, anionic, and cationic surfactants. Hydropalat® WE 3311 is soluble in water and other typical solvents such as glycols, alcohols, and aromatics.

Chemical Composition

An alkyl phenol free, proprietary non-ionic surfactant

Properties

Typical Properties

Appearance @ 25 °C	clear to hazy liquid
pH value (5 % aqueous)	~ 5.0 – 7.0
Color, Gardner	< 4

Typical Characteristics

Water %	~ 7 – 9
Flash Point	276 °F
Specific Gravity, 25 °C	0.968
Viscosity (cps @ 21.1 °C)	~72

These typical values should not be interpreted as specifications.

Applications

Hydropalat® WE 3311 is used in waterborne coatings as a wetting and dispersing agent for good color development and substrate adhesion with low foam properties. The use concentration in these applications is typically in the range of 0.1% to 0.5%, based on total formula weight.

Hydropalat® WE 3311 provides the following performance benefits:

- APEO/HAPS Free
- Excellent dynamic properties with fast wetting action
- Improved color development while minimizing color float
- Enhanced scrub resistance and freeze/thaw stability
- Effective foam control with reduced water sensitivity
- Readily biodegradable.

Typical Applications:

- Architectural coatings
- Industrial Maintenance coatings
- Graphic arts/Printing Inks
- Wood coatings

Safety

General

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State, and Local health and safety regulations, thorough ventilation of the workplace, good skin care, and wearing of protective goggles.

Material Safety Data Sheet

All safety information is provided in the Material Safety Data Sheet for Hydropalat® WE 3311.

Storage

Hydropalat® WE 3311 is shipped in 191-kg PE drums or totes @ 935-kg. It is recommended to store at about 21.1 °C/ 70 °F and to protect it against frost and heat.

Important

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