



Product Name

STEPCOTE™ W-133

Chemical Description

Polyalkylene glycol

CAS Registry Number

9003-11-6

Application

STEPCOTE W-133 is an effective wetting agent for use in waterborne coatings. It can be incorporated during the letdown phase of production or post added to the final formulation. Typical use level, based on active content, is 2 – 6 lbs/100 gallons, however, optimal dosing should be determined by performing a ladder study. STEP COTE W-133, although primarily a wetting agent, may positively impact the following coatings properties:

- Gloss
- Temperature Stability
- Color Acceptance
- Wet Scrub Resistance
- Hiding
- Washability

Typical Properties

Appearance at 25 °C	Hazy liquid
Actives, %	100
Density at 25 °C, g/mL (lbs./U.S. gal)	1.05 (8.76)
pH (2.5% aqueous)	6.5
HLB	15.0
Viscosity at 25 °C, cps	494
Flash Point, °C (°F)	> 94 (> 201)
Cloud Point (1% aqueous), °C, (°F)	58 (136)
Pour Point, °C, (°F)	18 (64)
RVOC, U.S. EPA, %	0

Storage & Handling

Standard Packaging: STEP COTE W-133 is available in bulk quantities.

Non-Bulk Storage Recommendations: STEP COTE W-133 should be stored in closed containers and kept in a cool, dry place away from incompatible materials (see Section 10 of the SDS). If material is frozen, it may be fluidized by warming with a drum heated or in a steam room. Drums should be vented prior to heating to avoid excessive pressure build up.

Bulk Storage Recommendations: STEP COTE W-133 should be stored in vessels of 316 stainless steel, but carbon steel is adequate assuming effective moisture exclusion. Elevated storage temperature may be desirable to maintain ease of pumping.

Product temperatures over 50 °C (122°F) are not recommended.

Normal safety precautions (i.e., gloves and safety goggles) should be employed when handling STEP COTE W-133. Contact with eyes, nose or prolonged contact with skin should be avoided. Wash thoroughly after handling STEP COTE W-133.



Clearances

The international inventories (country clearances) of STEPCOTE W-133 can be found in Section 15 of the Safety Data Sheet (SDS). It is the responsibility of the formulator to review the chemical control regulations for each country where the end product is intended to be sold or used. If you have any further questions regarding inventories, please contact North American Technical Service at techserv@stepan.com.

Product Stewardship

This product bulletin has been written in accordance with ACC's Product Stewardship guidelines.

Additional Safety Information

A Safety Data Sheet is available upon request.



Responsible Care[®]

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