



Product Name

STEPCOTE™ W-722

Chemical Description

Nonionic Blend

CAS Registry Number

68439-46-3

Application

STEPCOTE W-722 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-722, although primarily a wetting agent, may positively impact the following coatings properties:

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

Typical Properties

Appearance at 25 °C	Clear to slightly hazy liquid
Actives, %	95
Density at 25 °C, g/mL (lbs/U.S. gal)	1.00 (8.36)
pH (1% aqueous)	6.5
HLB	13.0
Viscosity at 25 °C, cps	59
Flash Point (PMCC), °C (°F)	> 94 (> 201)
Cloud Point (1% in Water), °C, (°F)	64 (147)
Pour Point, °C, (°F)	6 (43)
Critical Micelle Concentration (CMC), mg/L	160
RVOC, U.S. EPA, %	0

Storage & Handling

Standard Packaging: STEP COTE W-722 is available in bulk quantities.

Non-Bulk Storage Recommendations: STEP COTE W-722 should be stored in closed containers and kept in a cool, dry place away from incompatible materials (see Section 10 of the SDS). In general, as with all alcohol ethoxylates, non-bulk packages should be stirred to ensure they are homogeneous before use. If material is frozen, it should also be heated gently and stirred to ensure it is homogeneous before use.

Bulk Storage Recommendations: STEP COTE W-722 should be stored in vessels of 316 stainless steel or fiberglass with a corrosion liner. Heating and agitation are recommended for outside storage. Material should be stored between 35-55 °C (95-131 °F). An internal hairpin coil of 316 stainless steel with low pressure steam (under 50 psig) should be used if heating is required. Pumps, pipes and transfer lines should be 316 stainless steel.

Normal safety precautions (i.e., gloves and safety goggles) should be employed when handling STEP COTE W-722. Contact with eyes, nose or prolonged contact with skin should be avoided. Wash thoroughly after handling STEP COTE W-722.



Clearances

The international inventories (country clearances) of STEPCOTE W-722 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.



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