

Product Name	STEPCOTE™ W-849
Chemical Description	Phosphate ester of alkyl polyethoxyethanol
CAS Registry Number	9046-01-9
Application	<p>STEPCOTE W-849 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. STEPCOTE W-849, although primarily a wetting agent, may positively impact the following coatings properties:</p> <ul style="list-style-type: none"> • Gloss • Color Acceptance • Wet Scrub Resistance • Hiding • Corrosion Resistance • Washability
Typical Properties	<p>Appearance at 50 °C..... Hazy liquid Density at 25 °C, g/mL (lbs/U.S. gal) 1.03 (8.5) Actives, % 100 pH, 1% aqueous..... 2.5 Flash Point, PMCC, °C (°F) >94 (>201) Pour Point, °C (°F) <-18 (<0) RVOC, U.S. EPA, % 0</p>
Storage & Handling	<p><u>Standard Packaging:</u> STEPCOTE W-849 is available in bulk quantities.</p> <p><u>Bulk Storage Information:</u> Elevated storage temperature may be desirable to maintain ease of pumping, but product should be stored long term at ambient temperature.</p> <p><u>Non-Bulk Storage Information:</u> STEPCOTE W-849 which has been stored in drums at temperatures below 10 °C (50 °F) may thicken or solidify. It may be fluidized by warming with a drum heater or in a steam room. Drums should be vented prior to heating to avoid excessive pressure build up. Product temperatures over 54 °C (130 °F) are not recommended.</p> <p>Safety precautions (gloves and safety goggles-face shield, if splashing may occur) should be employed when handling STEPCOTE W-849. Avoid contact with the eyes, nose and skin. Wash thoroughly after handling material.</p>
Clearances	<p>The international inventories (country clearances) of STEPCOTE W-849 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.</p>



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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