

Product Name	STEP-FLOW® 4894-SC
Chemical Description	STEP-FLOW 4894-SC is a nonionic surfactant blend.
CAS Registry No.	Proprietary
Applications	STEP-FLOW 4894-SC can be used as a nonionic emulsifier, dispersant, or wetting agent in a variety of agricultural formulations, including suspension concentrates, emulsifiable concentrates and suspoemulsions. STEP-FLOW 4894-SC is designed to work with STEP-FLOW 3000 and 4000.
Typical Properties	Appearance at 25°C Clear to hazy liquid Density at 25°C, g/ml (lbs/U.S. gal) 1.04 (8.6) Moisture, % 13.0 pH, 5% in 1:1 IPA/H₂O 7 Viscosity at 25°C, cps 849 Flash Point, PMCC, °C (°F) >94 (>201) Pour Point, °C (°F) 7 (45) HLB 16 RVOC, U.S. EPA, % 0 Solubility Water Soluble Methanol Soluble Kerosene Insoluble Xylene Dispersible
Storage & Handling	Normal safety precautions (i.e., gloves and safety goggles) should be employed when handling STEP-FLOW 4894-SC handling materials. Contact with eyes and prolonged contact with skin should be avoided. Wash thoroughly after handling materials. <u>Standard Packaging:</u> STEP-FLOW 4894-SC is available in drums, totes and in bulk quantities. <u>Bulk Storage Information:</u> Stainless steel and glass fiber-reinforced polyester tanks are recommended. Many oven-cured phenolic and epoxy/phenolic linings may also be used. Elevated storage temperature may be desirable to maintain ease of pumping. Temperatures up to 130°F (54°C) can be maintained for long periods of time without degradation of the product. <u>Non-Bulk Storage Information:</u> STEP-FLOW 4894-SC which has been stored in drums at temperatures below 75°F (24°C) 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 130°F (54°C) are not recommended.
Workplace Exposure	Occupational exposure can occur primarily through skin contact or via inhalation of vapors and mists. Engineering controls, personal protective equipment, and other workplace practices should be used to control these exposures.
Clearances	The international inventories (country clearances) for STEP-FLOW 4894-SC 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 America Technical Service at techserv@stepan.com. STEP-FLOW 4894-SC is approved for use as an inert ingredient under U.S. EPA 40 CFR 180.910, 180.930 and 180.940a.



Product
Stewardship

Additional
Safety
Information

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

A Safety Data Sheet (SDS) is available upon request.



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