

Product Name	STEPWET® DF-95 and DF-95 Needles		
Chemical Description	Sodium Lauryl Sulfate		
CAS Registry No.	68585-47-7		
Applications	STEPWET DF-95 is a high active anionic wetting agent. The product is available as a spray dried powder, STEPWET DF-95, or extruded needles, STEPWET DF-95 Needles. Both products are free flowing and provide rapid, efficient granule wetting and breakup when added to a pesticide. STEPWET DF-95 wetting agents can be used in water dispersible granules and wettable powders.		
Typical Properties	<p>STEPWET DF-95</p> <p>Appearance at 25 °C..... Free flowing white powder</p> <p>Activity, % 93 min.</p> <p>Moisture, % 2.0 max</p> <p>pH, 1% aqueous..... 9.5</p> <p>Density, g/ml (lb./cu. ft.) 0.48 (30)</p> <p>Flash Point, PMCC, °C (°F)..... >94 (>201)</p> <p>RVOC, U.S. EPA, % 0</p> <p>Solubility</p> <p> Water..... Soluble</p> <p> Methanol..... Insoluble</p> <p> Kerosene..... Insoluble</p> <p> Xylene..... Insoluble</p>	<p>STEPWET DF-95 Needles</p> <p>Free flowing white needles</p> <p>93 min.</p> <p>2.0 max</p> <p>9.5</p> <p>0.61 (38)</p> <p>>94(>201)</p> <p>0</p> <p>Soluble</p> <p>Insoluble</p> <p>Insoluble</p> <p>Insoluble</p>	
Biodegradability	Products are readily biodegradable. A detailed biodegradability statement is available upon request.		
Toxicity	STEPWET DF-95 wetting agents are slightly toxic orally (LD ₅₀ is between 0.8-1.1 g/kg) and cause moderate skin and eye irritation at 10% active.		
Storage & Handling	<p>Normal safety precautions (i.e. gloves and safety goggles) should be employed when handling STEPWET DF-95 wetting agents. Contact with the eyes and prolonged contact with the skin should be avoided. To avoid inhalation of particles, wear a dust mask when handling. Wash thoroughly after handling materials.</p> <p><u>Storage Information:</u> It is recommended that STEPWET DF-95 wetting agents be stored in sealed containers and kept in a dry place.</p> <p><u>Standard Packaging:</u> STEPWET DF-95 is available in drums (200 lb, 91 kg) and in bulk quantities. STEPWET DF-95 Needles is available in bags (55 lb, 25 kg).</p>		
Clearances	<p>STEPWET DF-95 wetting agents are approved for use as inert ingredients under U.S. EPA 40 CFR 180.910 and 180.930.</p> <p>STEPWET DF-95 wetting agents are listed in Europe (EINECS 205-788-1), Japan (ENCS 2-1679), Canada (DSL 151-21-3), China (IECSC 61791-12-6), New Zealand (NZIoC 61827-42-7), Phillippines (PICCS 25155-30-0) Australia (AICS 151-21-3) and Korea (ECL Serial No. KE-12954).</p> <p>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.</p>		



Product
Stewardship

Additional
Safety
Information

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

A Safety Data Sheet is available upon request.



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