



STEPWET® DF-95 and DF-95 Needles

Product Name	Sodium Lauryl Sulfate	
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	<u>STEPWET DF-95</u>	<u>STEPWET DF-95 Needles</u>
	Appearance at 25 °C.....	Free flowing white powder
	Activity, %	93 min.
	Moisture, %	2.0 max
	pH, 1% aqueous.....	9.5
	Density, g/ml (lb./cu. ft)	0.48 (30)
	Flash Point, PMCC, °C (°F).....	>94 (>201)
	RVOC, U.S. EPA, %	0
	Solubility	
	Water	Soluble
	Methanol	Insoluble
	Kerosene	Insoluble
	Xylene.....	Insoluble
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), Phillipines (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.



The information contained herein is based on the manufacturer's own study and the works of others and is subject to change without prior notice. The information is not intended to be all-inclusive, including as to the manner and conditions of use, handling, storage or disposal or other factors that may involve additional legal, environmental, safety or performance considerations. Nothing contained herein grants or extends a license, express or implied, in connection with any patents issued or pending of the manufacturer or others, or shall be construed as a recommendation to infringe any patents or to violate any applicable laws. STEPAN COMPANY MAKES NO WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR USE, AND NO WARRANTY OR GUARANTY OF ANY OTHER KIND, EXPRESS OR IMPLIED, IS MADE, INCLUDING REGARDING PERFORMANCE, SAFETY, SUITABILITY, STABILITY, ACCURACY, COMPLETENESS, ADEQUACY OR OTHERWISE. Stepan Company (and its employees, subsidiaries and affiliates) shall not be liable (regardless of fault) to the vendee, its employees, or any other party in respect of this information, including in respect of its accuracy, completeness, adequacy, furnishing, use, or reliance upon, and the vendee assumes and releases Stepan Company (and its employees, subsidiaries and affiliates) from all liability, whether in tort, contract or otherwise to the fullest extent possible under the relevant law.

Stepan 
Corporate Headquarters
Northfield, Illinois 60093, U.S.A.
Phone: 847-446-7500
Fax: 874-501-2100
Website: www.stepan.com

For Technical Service Call:
Stepan North America **+1-800-745-7837**
Stepan Mexico **+55-11-5089-2208**
Stepan Quimica **+55-11-5089-2200**
Stepan Colombia **+571-636-2808**
Stepan Europe **+33-476-505-160**
Stepan Asia **+656-879-9855**
Stepan Philippines **+656-879-9855**

For Customer Service Call:
Stepan North America **+1-800-457-7673**
Stepan Mexico **+52-555-533-1967**
Stepan Quimica **+55-11-5089-2200**
Stepan Colombia **+57-6-8993125**
Stepan UK **+44-161-338-5511**
Stepan France **+33-476-50-51-00**
Stepan Philippines **+63-2-842-7951**