

Product Name	STEPWET® DF-90
Chemical Description	Sodium dodecylbenzene sulfonate
CAS Registry No.	68081-81-2 (Alternate CAS No. 25155-30-0, 68411-30-3)
Applications	STEPWET DF-90 is a high active anionic surfactant for wettability. It provides rapid, efficient granule wetting and breakup when added to a pesticide. STEPWET DF-90 wetting agent is used in water dispersible granules and wettable powders.
Typical Properties	<p>Appearance at 25 °C Cream colored particle</p> <p>Activity, % 90 min.</p> <p>Moisture, % 1.5 max</p> <p>pH, 1% Aqueous 7.0</p> <p>Density, g/ml (lb./cu. ft)..... 0.53 (33)</p> <p>Flash Point, °C (°F) >94(>201)</p> <p>RVOC, U.S. EPA, %..... 0</p> <p>Solubility Water Soluble</p> <p> Methanol Insoluble</p> <p> Kerosene..... Insoluble</p> <p> Xylene Insoluble</p>
Biodegradability	Product is readily biodegradable. Additional information is available upon request.
Toxicity	STEPWET DF-90 is moderately to slightly toxic orally (LD ₅₀ = 400 - 2000 mg/kg); and causes no skin irritation at 1% concentration. STEPWET DF-90 causes mild to no eye irritation below 0.1% concentration.
Storage & Handling	<p>Normal safety precautions (i.e., gloves and safety goggles) should be employed when handling STEPWET DF-90. Contact with the eyes and prolonged contact with the skin should be avoided. Wash thoroughly after handling materials. To avoid inhalation of particles, wear a dust mask when handling.</p> <p><u>Storage Information:</u> It is recommended that STEPWET DF-90 be stored in sealed containers and kept in a dry place.</p> <p><u>Standard Packaging:</u> STEPWET DF-90 is available in drums (200 lb, 91 kg) and in bulk quantities.</p>



Clearances

All components of STEPWET DF-90 are listed in the following countries; the registration numbers for the active ingredients are included in parentheses: U.S. (TSCA 61827-42-7), New Zealand (NZIoC 61827-42-7), China (IECSC 61827-42-7), Europe (EINECS 246-680-4), Japan (ENCS 3-1884), Canada (DSL 25155-30-0), Australia (AICS 25155-30-0), Switzerland (Swiss No. G-2242), Korea (ECL Serial No. KE-12954) and Philippines (PICCS 25155-30-0).

STEPWET DF-90 is approved for use as an inert ingredient under U.S. EPA 40 CFR 180.910 and 180.930.

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.

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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