



Product Name	STEPANOL[®] ME-DRY																						
Chemical Structure	CH ₃ (CH ₂) ₁₀ CH ₂ OSO ₃ Na																						
INCI Name	Sodium Lauryl Sulfate																						
CAS Registry No.	151-21-3																						
Alternate CAS Registry No.	73296-89-6 68585-47-7																						
Applications	<p>STEPANOL ME-DRY is a sodium lauryl sulfate derived from fatty alcohol sulfonated via Stepan's continuous SO₃ process. The product of this process is then spray dried to produce a white powder.</p> <p>STEPANOL ME-DRY is used in powdered bubble baths, hand cleaners, and detergents. Because of its excellent foaming properties, STEPANOL ME-DRY is used in liquid hand soaps, shampoos, and other personal care and detergent applications.</p>																						
Typical Properties	<table border="0"> <tr> <td>Appearance at 25°C.....</td> <td>White powder</td> </tr> <tr> <td>Actives (MW 299), %</td> <td>93</td> </tr> <tr> <td>Unulfated Material, %.....</td> <td>3.5 max.</td> </tr> <tr> <td>Sodium Chloride, %</td> <td>2.0 max.</td> </tr> <tr> <td>Sodium Sulfate, %</td> <td>3.5 max.</td> </tr> <tr> <td>pH, 1% aqueous</td> <td>9.8</td> </tr> <tr> <td>Color (APHA), 10% active.....</td> <td>200</td> </tr> <tr> <td>Boiling Point, °C (°F).....</td> <td>>100 (212)</td> </tr> <tr> <td>Density, approx. g/ml (lbs/U.S. gal).....</td> <td>0.48 (4.0)</td> </tr> <tr> <td>RVOC, U.S. EPA, %</td> <td>0</td> </tr> <tr> <td>Preservative</td> <td>Not required</td> </tr> </table>	Appearance at 25°C.....	White powder	Actives (MW 299), %	93	Unulfated Material, %.....	3.5 max.	Sodium Chloride, %	2.0 max.	Sodium Sulfate, %	3.5 max.	pH, 1% aqueous	9.8	Color (APHA), 10% active.....	200	Boiling Point, °C (°F).....	>100 (212)	Density, approx. g/ml (lbs/U.S. gal).....	0.48 (4.0)	RVOC, U.S. EPA, %	0	Preservative	Not required
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Biodegradability	Product is readily biodegradable. A detailed biodegradability statement is available upon request.																						
Toxicity	STEPANOL ME-DRY is slightly toxic orally to mammals (LD ₅₀ is between 0.8 to 1.1 g/kg) and aquatic organisms (LC ₅₀ = 12 mg/L). At 10% active, it causes moderate to severe skin and eye irritation.																						
Storage & Handling	<p>Normal safety precautions (i.e. dust mask, goggles and gloves) should be employed when handling STEPANOL ME-DRY. Contact with the eyes and prolonged contact with the skin should be avoided. STEPANOL ME-DRY should be used in a well-ventilated area. Avoid inhaling dust.</p> <p>It is recommended that STEPANOL ME-DRY be stored in sealed containers and kept in a cool, dry place to avoid agglomeration.</p> <p>Standard Packaging: STEPANOL ME-DRY is available in supersacks and bags (net weight 110 lb/ 25 kg).</p> <p>STEPANOL[®] is a registered trademark of the Stepan Company.</p>																						



Clearances

All components of STEPANOL ME-DRY are listed in the following countries; the registration numbers for the active ingredients are included in parentheses: Europe (EINECS 205-788-1), Japan (ENCS 2-1679), Canada (DSL 151-21-3), Australia (AICS 151-21-3), Philippines (PICCS 151-21-3), Korea (ECL Serial No. KE-21884), Switzerland (Swiss No. G-2596), New Zealand (NZIoC) and China (EICS Part 1).

STEPANOL ME-DRY is available as Kosher Certified.

STEPANOL ME-DRY meets DfE screen and is listed on www.cleangredients.org (an on-line database for green formulators). For further information, visit www.cleangredients.org. Additional Stepan ingredient listing can be found at www.stepan.com.

Additional Safety Information

A Material Safety Data Sheet is available upon request.

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