



Product Name	NINATE® 100L																				
Chemical Description	NINATE 100L is linear calcium dodecylbenzene sulfonate in dried form.																				
CAS Registry No.	68584-23-6																				
Applications	NINATE 100L is solid Calcium Dodecylbenzene Sulfonate that can be tailored for end-use applications by dissolving in a solvent of choice or using in dried form. The product is free from volatile solvents, glycols, and alcohols; making it an excellent choice for sensitive active-ingredient-containing formulations. NINATE 100L is a versatile anionic emulsifier for Emulsifiable Concentrates (EC) and Oil Dispersions (OD); as well as a dispersant in dry formulations such as Wettable Powders (WP) and Water Dispersible Granules (WDG).																				
Typical Properties	<table border="0"> <tr> <td>Appearance at 25°C</td> <td>Powder or Flake</td> </tr> <tr> <td>Density at 25°C, g/ml (lbs/U.S. gal)</td> <td>1.03 (8.6)</td> </tr> <tr> <td>Moisture, %</td> <td>2.0</td> </tr> <tr> <td>pH, 5% in 1:1 IPA:H2O</td> <td>7</td> </tr> <tr> <td>Flash Point, PMCC, °C (°F)</td> <td>>94 (>201)</td> </tr> <tr> <td>RVOC, U.S. EPA, %</td> <td>0</td> </tr> <tr> <td>Solubility: Water</td> <td>Insoluble</td> </tr> <tr> <td> Methanol</td> <td>Soluble</td> </tr> <tr> <td> Aromatic 150</td> <td>Soluble</td> </tr> <tr> <td> Mineral Oil</td> <td>Insoluble</td> </tr> </table>	Appearance at 25°C	Powder or Flake	Density at 25°C, g/ml (lbs/U.S. gal)	1.03 (8.6)	Moisture, %	2.0	pH, 5% in 1:1 IPA:H2O	7	Flash Point, PMCC, °C (°F)	>94 (>201)	RVOC, U.S. EPA, %	0	Solubility: Water	Insoluble	Methanol	Soluble	Aromatic 150	Soluble	Mineral Oil	Insoluble
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Storage & Handling	<p>Normal safety precautions (e.g. gloves and safety goggles) should be employed when handling NINATE 100L. Contact with eyes and prolonged contact with skin should be avoided. Wash hands thoroughly after handling materials. See the SDS for further information.</p> <p>Bulk Storage Information: It is recommended that NINATE100L be stored in stainless steel and glass fiber-reinforced polyester tanks. Many oven-cured phenolic and epoxy/phenolic linings may also be used. Storage temperatures above 90 °F (32 °C) are 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.</p> <p>Standard Packaging: NINATE 100L is available in drums, totes and bulk quantities.</p>																				
Clearances	<p>The international inventories country clearances of NINATE 100L, 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.</p> <p>NINATE 100L is exempted from the requirement of a tolerance as an inert ingredient under U.S. EPA 40 CFR 180.910 and 180.930. These CFR sections should be consulted for the complete context before any conclusion is made as to the compliant regulated use.</p>																				



Product
Stewardship

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

Additional
Safety
Information

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



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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**