

Product Bulletin

Product Name	MAPROSYL® 30-MP
Chemical Structure	$\text{CH}_3(\text{CH}_2)_{10}\overset{\text{O}}{\underset{\text{CH}_3}{\parallel}}\text{C}-\text{N}-\text{CH}_2\text{COONa}$
Chemical Description	MAPROSYL 30-MP is derived from natural fatty acids and N-methyl glycine (an amino acid sarcosine).
CAS Registry Number	137-16-6
INCI Name	Sodium Lauroyl Sarcosinate
Applications	<p><u>Functional Properties</u></p> <ul style="list-style-type: none"> • Mild • Foam Booster/Stabilizer • Sulfate-Free • Wetting Agent • Good Detergency • Corrosion Inhibitor • Increases solubility of other surfactants • Compatible with anionics, nonionics, and cationic surfactants • Stable in neutral to moderately acidic formulations • High Salt Tolerance • Emollient • Conditioner • Good Rinsibility • Low Cloud Point • Rapid Biodegradability <p><u>End Product Uses</u></p> <ul style="list-style-type: none"> • Shampoos • Manicuring Products • Bubble Baths • Aerosols (shaving creams, shampoos, etc.) • Alkaline Cleaners • Automatic Dishwasher Rinse-Aids • Liquid Dishwashing Detergents • Rug & Upholstery Shampoos • Aerosols (window, upholstery cleaners, etc.) • Emulsion Polymerization
Typical Properties	<p>Appearance at 25°C Clear, colorless to pale yellow liquid</p> <p>Actives (MW 293), % 30.0</p> <p>pH, 5% aqueous 6.0</p> <p>Color, APHA, as is 250 max.</p> <p>Boiling Point, °C(°F) >100 (>212)</p> <p>Cloud Point, °C(°F) -2 (35)</p> <p>Freeze Point, °C(°F) -2 (35)</p> <p>Flash Point (PMCC), °C(°F) >94 (>201)</p> <p>Viscosity at 20°C, cps 29</p> <p>Viscosity at 60°C, cps 15</p> <p>Density at 25°C, g/ml (lbs/U.S. gal) 1.03 (8.6)</p> <p>HLB 29.8</p> <p>RVOC, U.S. EPA, % 0</p> <p>Preservative Phenoxyethanol, Sodium Benzoate</p>



Environmental Effects	MAPROSYL 30-MP is readily biodegradable. A detailed biodegradability statement is available upon request.
Health Effects	MAPROSYL 30- MP is practically nontoxic orally (LD50 > 5000 mg/kg) in rats. The product is severely irritating to eyes and causes mild to moderate skin irritation at 30% active. See SDS for further information.
Storage & Handling	<p>Normal safety precautions (e.g., gloves and safety goggles) should be employed when handling MAPROSYL 30-MP. Contact with eyes, nose or prolonged contact with skin should be avoided. Wash thoroughly after handling MAPROSYL 30-MP. See SDS for more information.</p> <p>It is recommended that MAPROSYL 30-MP be stored in sealed containers and kept at temperatures between 50°F (10°C) and 120°F (49°C). Avoid overheating or freezing. If material is frozen, mild heat and agitation are recommended to ensure the material is homogeneous before use.</p> <p><u>Standard Packaging:</u> MAPROSYL 30- MP is available in drum quantities.</p>
Workplace Exposure	Occupational exposure can occur primarily through skin contact or via inhalation of vapors and mists. Engineering controls, personal protective equipment, and other workplace safety practices should be used to control these exposures. See SDS for more information.
Clearances	The international inventories (country clearances) of MAPROSYL 30-MP 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.
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.



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, nor shall be construed as a recommendation to infringe any patents. STEPAN COMPANY MAKES NO PRODUCT WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR USE, EXPRESS OR IMPLIED, AND NO OTHER WARRANTY OR GUARANTY, EXPRESS OR IMPLIED, IS MADE, INCLUDING AS TO INFORMATION REGARDING PERFORMANCE, SAFETY, SUITABILITY, STABILITY, ACCURACY, COMPLETENESS, OR ADEQUACY. Stepan Company (and its employees, subsidiaries and affiliates) shall not be liable (regardless of fault) to the vendee, its employees, or any other party for any direct, indirect, special, or consequential damages arising out of or in connection with the information provided herein, including in respect of its accuracy, completeness, adequacy, furnishing, use, or reliance upon such information. 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
Northbrook, Illinois 60062, 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**