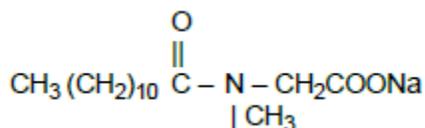


Product Bulletin

Product Name

MAPROSYL® 30-MP

Chemical Structure



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

Functional Properties

- 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

End Product Uses

- 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

Appearance at 25°C	Clear, colorless to pale yellow liquid
Actives (MW 293), %	30.0
pH, 5% aqueous	6.0
Color, APHA, as is	250 max.
Boiling Point, °C(°F)	>100 (>212)
Cloud Point, °C(°F)	-2 (35)
Freeze Point, °C(°F)	-2 (35)
Flash Point (PMCC), °C(°F)	>94 (>201)
Viscosity at 20°C, cps	29
Viscosity at 60°C, cps	15
Density at 25°C, g/ml (lbs/U.S. gal)	1.03 (8.6)
HLB	29.8
RVOC, U.S. EPA, %	0
Preservative	Phenoxyethanol, Sodium Benzoate



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

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.

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.

Standard Packaging: MAPROSYL 30- MP is available in drum quantities.

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.



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