

Product Bulletin

PERSONAL CARE

Product Name	STEPAN-MILD® SL3-BA
Chemical Structure	$\text{CH}_3(\text{CH}_2)_{10}(\text{OCH}_2\text{CH}_2)_3\text{O}-\overset{\text{O}}{\parallel}\text{C}-\underset{\text{SO}_3\text{Na}}{\underset{ }{\text{CH}}}-\overset{\text{O}}{\parallel}\text{CH}_2-\text{C}-\text{ONa}$
Chemical Description	STEPAN-MILD SL3-BA is the 30% active disodium salt of a 3 mole ethoxylated lauryl sulfosuccinate.
CAS Registry Number	68815-56-5 (Alternate CAS No. 39354-45-5)
INCI Name	Disodium Laureth Sulfosuccinate
Applications	<p><u>Functional Properties</u></p> <ul style="list-style-type: none"> • Primary or secondary surfactant • Mild cleansing agent • Hydrotrope <p><u>End Product Uses</u></p> <ul style="list-style-type: none"> • Cleansing products such as low irritation shampoos, “sulfate-free” shampoos, baby shampoos, bubble baths, and low irritation hand soaps • Skin fresheners, creams and lotions
Typical Properties	<p>Appearance at 25°C Clear liquid</p> <p>Actives (EW 545), % 32.0</p> <p>pH, 10% aqueous 6.0</p> <p>Color, Gardner 1</p> <p>Cloud Point (as is), °C (°F) -2 (29)</p> <p>Boiling Point, °C (°F) >100 (>212)</p> <p>Pour Point, °C (°F) -3 (26)</p> <p>Freeze Point, °C (°F) -6 (21)</p> <p>Density, g/mL (lbs/U.S. gal) 1.033 (8.6)</p> <p>Solids, % 39</p> <p>Viscosity at 25°C, cps 200 max.</p> <p>Viscosity at 60°C, cps 60</p> <p>RVOC, U.S. EPA, % 0</p> <p>Preservative Benzoic Acid</p>
Environmental Effects	Product is biodegradable. Additional information available upon request.
Storage & Handling	Normal safety precautions (e.g., gloves and safety goggles) should be employed when handling STEPAN-MILD SL3-BA. Contact with eyes, nose or prolonged contact with skin should be avoided. Wash thoroughly after handling STEPAN-MILD SL3-BA. See SDS for more information.



Storage & Handling

It is recommended STEPAN-MILD SL3-BA be stored in sealed containers and kept at a temperature <30°C (<86°F). Avoid freezing or overheating. If material is frozen, warm slowly to room temperature and agitate to ensure material is homogeneous before use. Do not expose this product to temperatures >30°C (>86°F) for an extended period of time. Sulfosuccinates typically display evidence of instability with storage at elevated temperatures, as indicated by a decrease in pH and an increase in the nonionic content which will increase the viscosity of STEPAN-MILD SL3-BA. Stepan's recommended re-test for this product is 6 months from the date of manufacture. After 6 months, we recommend the customer re-analyze to assure product is within specification.

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 practices should be used to control these exposures. See SDS for more information.

Clearances

The international inventories (country clearances) of STEPAN-MILD SL3-BA 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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