

Product Bulletin

Product Name	STEPAN® SLL-FB
Chemical Structure	$\text{CH}_3-(\text{CH}_2)_8-\text{CH}_2-\text{CH}_2-\overset{\text{O}}{\underset{\text{ }}{\text{C}}}-\text{O}-\overset{\text{CH}_3}{\underset{ }{\text{CH}}}-\text{CO}_2\text{Na}$
Chemical Description	STEPAN SLL-FB is the sodium salt of the reaction of lauric acid and lactic acid
INCI Name	Sodium Lauroyl Lactylate
Applications	<p><u>Functional Properties</u></p> <ul style="list-style-type: none"> • Foam Booster/Modifier • Viscosity Builder • Skin Feel Enhancer • Emulsifier <p><u>End Product Uses</u></p> <div> <div> <p>Skin Care:</p> <ul style="list-style-type: none"> • Body Washes • Soap Bars • Liquid Soaps • Facial Cleansers • Body Scrubs </div> <div> <p>Hair Care:</p> <ul style="list-style-type: none"> • Shampoos </div> </div>
Typical Properties	<p>Form at 25°C Solid</p> <p>Type Anionic</p> <p>Saponification Value 195</p> <p>Melting Point, °C (°F) 60 (140)</p> <p>Density, g/ml (lbs/U.S. gal) 0.81 (6.8)</p> <p>RVOC, U.S. EPR, % 0</p>
Environmental Effects	STEPAN SLL-FB is ultimately biodegradable. Additional information is available upon request.
Health Effects	STEPAN SLL-FB is practically non-toxic orally (LD ₅₀ = 4 to 12 g/kg) and may be extremely mild to skin and eye depending on concentration.
Storage & Handling	<p>Store under cool, dry conditions. Avoid exposure to temperature above 30°C. Avoid heating in such a manner that “hot spots” could occur resulting in possible discoloration of the product. The container should be kept tightly sealed. Optimum storage temperature is 25°C or lower. Avoid direct sunlight for prolonged periods.</p> <p>Approximately 24-48 hours prior to use, container should be placed in a “hot room” at 55-60°C (130-140°F) to facilitate ease of handling. Temperatures exceeding this level can cause darkening of product.</p> <p><u>Standard Packaging:</u> STEPAN SLL-FB 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 practices should be used to control these exposures.



Clearances

In the United States, Canada and Japan, STEPAN SLL-FB is approved for use in cosmetic applications only. The international inventories (country clearances) of STEPAN SLL-FB 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 American 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 is available upon request.



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