

Product Name	STEPANBLEND® ASF
CAS Registry Number	66455-29-6, 68515-73-1 and 110615-47-9
EC Registry Number	931-700-2, 931-534-0, 500-220-1, 600-975-8 and 944-968-0
Chemical Description	Coco-Betaine, Sodium C14-16 Olefin Sulfonate, Decyl Glucoside, Dimethyl Lauramide/Myristamide
Application	STEPANBLEND ASF is a 39% solids surfactant blend designed for mild cleansing formulations. This blend is expected to be free from sulfated surfactants, Ethylene Oxide (EO), and preservatives. STEPANBLEND ASF exhibits an ample foam volume and an efficient viscosity response to salt. This blend concentrate offers all the benefits of surfactant blends such as cold mixability and ease of handling for transport, storage and mixing considerations. STEPANBLEND ASF may be used in liquid cleansing applications such as shampoos, liquid hand soaps, facial washes, body washes, and other bath products.
Typical Properties	<p>Appearance at 20°C..... Clear to hazy pale yellow viscous liquid</p> <p>pH, 10% aqueous 11.5</p> <p>Solids, % by weight 39.0</p> <p>Density at 20°C, g/ml 1.05</p> <p>Viscosity at 20°C, cps 17,000</p> <p>Freeze Point, °C (°F)..... <5 (<41)</p> <p>Preservative None</p>
Environmental Effects	The components for STEPANBLEND ASF are readily biodegradable. See SDS for more information.
Storage and Handling	<p>Normal safety precautions (e.g., gloves and safety goggles) should be employed when handling STEPANBLEND ASF. Contact with eyes, nose or prolonged contact with skin should be avoided. Wash thoroughly after handling STEPANBLEND ASF. See SDS for more information.</p> <p>STEPANBLEND ASF is a viscous liquid, mild heat (40°C - 50°C / 104°F -122°F) can help to obtain a pumpable product.</p> <p><u>Standard Packaging:</u> STEPANBLEND ASF is available in Drums and IBCs.</p> <p><u>Non-Bulk Storage Recommendations:</u> STEPANBLEND ASF should be stored in closed containers and kept in a cool, dry place away from incompatible materials (see Section 10 of the SDS). STEPANBLEND ASF may appear hazy or show phase separation if the product has been exposed to cold temperature along the supply chain. When crystallization occurs during storage, it is necessary to warm the drums up to 45°C-50°C (113°F-122°F) under stirring to re-homogenize it before use.</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.
Global Inventories	It is the responsibility of the formulator to review and comply with the chemical and safety control regulations for each country where the end product is intended to be sold or used.

STEPANBLEND ASF is not China registered.

STEPANBLEND® is a registered trademark of Stepan Company.



Formulation

"SUPER EASY-TO-MAKE" MILD, SULFATE-FREE SHOWER GEL
Formulation #1540

STEPANBLEND ASF is suitable for wide range of cleansing products such as hand washes, shower gels or shampoos, and is designed for ease of use and cold processing.

INGREDIENTS	% w/w	Functionality
Deionized Water	q.s. to 100	Carrier
STEPANBLEND ASF	28.2	Surfactant
Sodium Benzoate and Potassium Sorbate	0.6	Preservative
Fragrance	0.2	Perfume
Citric Acid	q.s.	pH Adjuster
STEPAN-MILD® GCC-FL/MB	0.5	Emollient, viscosity builder

Appearance.....Clear transparent gel
 pH, as is5.4
 Viscosity at 25°C, cps..... 4000

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.

For Additional Assistance

For applications or product handling assistance, call our Corporate Offices at (33) 4-76-50-5160. For ordering assistance, call our Customer Service Department at (33) 4-76-50-5100 or tech.service@stepan.com.

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