

Product Bulletin

Product Name	AMPHOSOL® LB																										
Chemical Structure	$\text{CH}_3(\text{CH}_2)_x\text{C} \begin{array}{c} \text{O} \\ \end{array} \text{NH} - (\text{CH}_2)_3 \begin{array}{c} \text{CH}_3 \\ \\ \text{N}^+ \\ \\ \text{CH}_3 \end{array} - \text{CH}_2 \text{COO}^-$ <p style="text-align: right; margin-right: 100px;">$x = 10 \text{ to } 12$</p>																										
Chemical Description	AMPHOSOL LB is a mild amphoteric surfactant derived from narrow cut methyl esters. This characteristic gives the product enhanced foaming properties compared to broad homolog distribution.																										
CAS Registry Number	4292-10-8 and 59272-84-3																										
INCI Name	Lauramidopropyl Betaine																										
Applications	<p><u>Functional Properties</u></p> <ul style="list-style-type: none"> • Primary or secondary surfactant • Foam booster • Viscosity builder • Static Control agent • Compatible with anionics, nonionics and cationics <p><u>End Product Uses</u></p> <table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top;"> <ul style="list-style-type: none"> • Bubble Baths • Hair Conditioners • Shampoos • Baby Products </td> <td style="vertical-align: top; padding-left: 20px;"> <ul style="list-style-type: none"> • Hand Soaps • Shower Gels • Pet Shampoos • Light Duty Liquid Dish Detergent </td> </tr> </table>	<ul style="list-style-type: none"> • Bubble Baths • Hair Conditioners • Shampoos • Baby Products 	<ul style="list-style-type: none"> • Hand Soaps • Shower Gels • Pet Shampoos • Light Duty Liquid Dish Detergent 																								
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Environmental Effects	Product is readily biodegradable. Additional information is available upon request.																										
Health Effects	AMPHOSOL LB is practically nontoxic orally (LD ₅₀ > 5000 mg/kg) and is expected to be moderately irritating to eyes and minimally to non-irritating to skin at 10% active.																										



Storage & Handling

Normal safety precautions (e.g., gloves and safety goggles) should be employed when handling AMPHOSOL LB. Contact with eyes, nose or prolonged contact with skin should be avoided. Wash thoroughly after handling AMPHOSOL LB. See SDS for more information.

Standard Packaging: AMPHOSOL LB is available in drums, and bulk quantities.

Non-Bulk Storage Recommendations: AMPHOSOL LB should be stored in closed containers and kept in a cool, dry place away from incompatible materials (see Section 10 of the SDS) at temperature between 40°F (4°C) and 110°F (43.3°C). If material is frozen it should be heated gently and stirred to ensure it is homogeneous prior to use.

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 AMPHOSOL LB 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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