

Betaines

Product Line Overview

Explore and easily choose from our full range of AMPHOSOL® betaine products and elevate your personal care formulations.

AMPHOSOL®	HCA-HP	HCG-HP	CG-50	LB-HP	CDB-HP	DM ¹
INCI Name (Abbreviation)	<i>Cocamidopropyl Betaine (CAPB)</i>	<i>Cocamidopropyl Betaine</i>	<i>Cocamidopropyl Betaine</i>	<i>Lauramidopropyl Betaine (LAPB)</i>	<i>Cetyl Betaine</i>	<i>Coco Betaine</i>
Key Characteristics	Best CAPB for thickening with low material color	Cost effective CAPB with residual glycerin	Highest activity CAPB with residual glycerin	Cost effective CAPB alternative with creamy foam	Better thickening than CAPB with high naturality	Region-specific CAPB alternative with high naturality
Preservative	None Required	None Required	None Required	None Required	None Required	None Required
pH Range	11.5 - 12.5 as is	11.5 - 12.5 as is	5.0 - 7.0 10% in water	11.5 - 12.5 as is	11.5 - 12.5 as is	6.0 - 8.0 5% in water
Total Solids, %	35.0 - 38.0	35.0 - 38.0	43.0 - 45.0	34.0 - 39.0	35.0 - 39.0	37.0 - 39.0
Actives, %	28.0 - 32.0	29.5 - 32.5	36.0 - 39.0	28.5 - 34.2	28.0 - 34.0	29.0 - 31.0
Sodium Chloride, %	4.5 - 6.0	4.5 - 6.0	7.3 Max	5.0 - 5.7	5.0 - 7.0	6.5 - 7.5
Color	200 Max APHA	200 Max APHA	4 Max Gardner	100 Max APHA	2 Max Gardner	20 Max APHA
Base material	Coco methyl ester	Coconut oil	Coconut oil	Narrow cut methyl ester	Methyl ester	Methyl ester
Availability	Global	Global	Global	Global	Global	LATAM, EMEA
Bio-based, %	64	64	64	63	78	78
Safer Choice	Meets	Meets	Meets	Meets	Not Evaluated	Not Evaluated
Foam Generation	★★★★	★★★☆☆	★★★☆☆	★★★☆☆	★★★☆☆	★★★☆☆
Thickening	★★★★☆	★★★☆☆	★★★☆☆	★★★☆☆	★★★★	★★★★

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¹ AMPHOSOL DM/MB available in EMEA and AMPHOSOL DM-X available in LATAM.

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