MACKAM® DAB-ULS



INCI Name: Lauramidopropyl Betaine

CAS No.: 4292-10-8 EINECS: 224-292-6

Product Description

Mackam DAB-ULS is an approximately 35% active aqueous ultra low salt version of Lauramidopropyl Betaine. **Mackam DAB-ULS** finds application in personal care products and household where regular Lauramidopropyl Betaine may introduce too much salt to a formulation.

Specifications

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Appearance @ 25 Deg C	Clear Liquid
Foreign Matter	Clean, No Dirt
Color Gardner	2 Max
Solids (Moisture Balance), %	34.0 - 36.0
Sodium Chloride, %	0.50 Max
Free Amine, %	0.50 Max
pH (As Is @ 25 Deg C)	11.0 – 12.0
Reserve Alkalinity	0.05 Max
Total Plate Count, CFU/G	Report

Chemical Structure

$$\begin{array}{ccc} & & \text{CH}_3 \\ \text{N} & & & \\ \text{CH}_3(\text{CH}_2)_{10}\text{C} - \text{NH}(\text{CH}_2)_3 - \text{N}^+ - \text{CH}_2\text{COO}^- \\ & & & \\ \text{CH}_3 \end{array}$$

Typical Properties

Specific Gravity @ 25°C Preservative	1.05
	None

Regulatory Mackam DAB-ULS

TSCA: Listed Japan: Listed
EU: Listed Korea: Listed
Australia: Listed New Zea: Listed
Canada: Listed Philipp: Listed
China: Listed Swiss: Unknown

Principal Uses

Personal Care

Color Care Shampoos	3%-15%
<u>HI&I</u>	
Bathroom Tile Cleaners	5%-15%
Floor Cleaners	5%-15%

Storage and Handling

Mackam DAB-ULS should be stored in sealed containers below 30°C in a dry place out of direct sunlight. If material becomes hazy after exposure to cold gently heat to 35°C and mix before use. Handle between 15°C – 90°C.

Shelf Life

Shelf life 24 months from date of manufacture.

Packaging

Available in bulk, 450 pound plastic drums, and 2200 pound totes.

WARNING

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