



MACKAM[®] 35UL

INCI Name: Cocoamidopropyl Betaine

CAS No.: 70851-07-9

EINECS: 274-923-4

Product Description

Mackam 35UL is a cost effective light colored grade of cocamidopropyl betaine with no unsaturation. It contributes outstanding viscosity-building, foam-boosting to personal care and HI&I formulations. **Mackam 35UL** exhibits the characteristics of stability over a broad pH range and compatibility with anionic and cationic surfactants. It contributes mildness to formulations and is fully biodegradable.

Specifications

Appearance @ 25 Deg C	Clear Liquid
Solids (Moisture Balance), %	34.0 – 36.0
Color APHA	200 Max
Color Gardner	2 Max
Odor	Typical
pH (As Is @ 25 Deg C)	5.0 – 7.0
Infrared Spectrum	Matches Standard
Sodium Chloride, %	4.5 – 6.0
Activity, %	27.2 – 29.2
Yeast and Molds	10 Max
Free Amine, %	0.50 Max
Free Fatty Acid, (MW 200), %	0.50
Glycerine, %	3.00 Max
DMDMH, Qualitative	Positive
Bacteria Counts	10 Max

Typical Properties

Specific Gravity @ 25 Deg C	1.05
Preservative	
DMDM Hydantoin	0.11%

Principal Uses

Personal Care

Shampoos	3%-15%
Bath Products	5%-15%
Liquid Hand Soaps	2%-10%

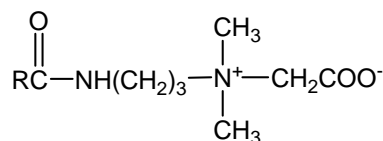
Industrial & Institutional

Liquid Hand Dishwash	5%-15%
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Shelf Life

Shelf life 24 months from date of manufacture.

Chemical Structure



Where RCO- represents the fatty acids derived from coconut oil

Regulatory

Mackam 35UL

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

Storage and Handling

Mackam 35UL 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.

Packaging

Available in bulk, 25 kilogram jerricans, 40 pound pails, 200 kilogram drums, 450 pound plastic drums, 1000 kilogram IBC's, 2204 pound totes pound plastic drums.

WARNING

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