

# MACKAM<sup>®</sup> CBS 50G

TECHNICAL DATA SHEET NA 90059879 – NOVEMBER 2021

## IDENTIFICATION

INCI Name: COCAMIDOPROPYL HYDROXYSULTAINE  
CAS Number: 68139-30-0  
EC Number: 268-761-3

## SPECIFICATIONS

Appearance @ (25° C)  
Color Gardner  
Solids (Moisture Balance), %  
pH (10% Aqueous)  
Sodium Chloride, %  
Infrared Spectrum

## RESULTS

Clear Liquid  
5 Max  
48.0 – 52.0  
7.0 – 9.0  
6.0 - 7.0  
Matches Standard

## METHOD

100C  
104A  
150A  
146I  
230B  
542A

## TYPICAL PROPERTIES

Specific Gravity @ 25°C 1.09  
Total Plate Count (CFU/g) < 10

## STANDARD APPLICATIONS

MACKAM<sup>®</sup> CBS 50G is a high performance amphoteric surfactant that can be used in both homecare and personal care applications. It is compatible with anionic, nonionic, amphoteric, and cationic surfactants. In personal care applications, MACKAM<sup>®</sup> CBS 50G exhibits foam and mildness synergies with common anionics and can be used in place of Cocamidopropyl Betaine to boost flash foam and reduce eye irritation potential. In HI&I applications, MACKAM<sup>®</sup> CBS 50G exhibits high foaming even in high electrolyte solutions and is stable in 19% sodium hydroxide. MACKAM<sup>®</sup> CBS 50G is produced from coconut oil and is readily biodegradable. It is stable in both hard and soft water and has excellent lime soap dispersing properties. This property makes MACKAM<sup>®</sup> CBS 50G ideal for use with potassium alkali soaps like MACKADET<sup>®</sup> 40-K or GB-96.

## PRINCIPAL USES

### Personal Care

Bubble Baths 1% - 5%  
Shampoo/Body Wash 2% - 10%  
Liquid Soaps 2% - 10%

### HI&I

All Purpose Cleaners 1% - 5%  
Tub/Tile Cleaner 2% - 5%  
Car Wash (Foam Booster) 5% - 10%



For orders or questions, call us at the following numbers or visit us at [www.solvay.com](http://www.solvay.com)

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1-888-776-7337

Europe – Middle East – Africa  
(33) 01 53 56 50 00

Asia - Pacific  
(65) 62 91 19 21

Latin America  
(55) 11 37 47 78 86

## STANDARD PACKAGING

MACKAM® CBS 50G is available in Bulk Quantities, 25 KG. Jerricans, 450 LB. Closed Head Poly Drums, and 2300 LB. Totes. Alternative package sizes may be available upon request.

## SHELF LIFE

MACKAM® CBS 50G has a shelf life of 730 days.

### WARNING

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