

MACKAM[®] CET

TECHNICAL DATA SHEET NA 90059881 – APRIL 2021

IDENTIFICATION

Chemical Name: CETYL BETAINE
CAS Number: 693-33-4
EC Number: 211-748-4

SPECIFICATIONS

Appearance (25°C)
Color APHA
Infrared Spectrum
pH (As Is @ 25 Deg C)
Sodium Chloride, %
% Solids (2.5 HR @ 105 C, 1 Gram w/Pad)
Active (Solids – Sodium Chloride), %
Ethanol, %
C-12 & Lower, %
Alkyl, % C-14
Alkyl, % C-16
Alkyl, % C-18
Free Amine
Buffering Capacity, mL
Total Plate Count, CFU/G
Gram Negative Bacteria
Staphylococcus Aureus
Candida Albicans

RESULTS

Clear to Slightly Hazy Liquid
200 Max
Matches Standard
7.0 – 8.0
4.0 – 7.0
34.2 – 35.2
28.0 – 30.0
8.7 – 9.7
1.0 Max
5.0 Max
94.0 Min
4.0 Max
2.0 Max
14.0 Max
10 Max
Absent
Absent
Absent

METHOD

100C
116A
542A
146A
230B
148I
398B
510B
502W
502J
502L
502S
236A
360A
700G
700K
700F
700G

TYPICAL PROPERTIES

Specific Gravity, @ 25°C 1.0146
Preservative None

STANDARD APPLICATIONS

MACKAM[®] CET is a mild amphoteric surfactant, which is compatible with all other classes, anionic, nonionic and cationic surfactants. MACKAM[®] CET is a foam stabilizer and viscosity builder in home and personal care cleansing formulations. MACKAM[®] CET is also stable in extreme pH conditions as well as bleach. It contains water and ethanol as a solvent. This grade is suitable for ethnic hair care, alpha hydroxy acid skin care formulations, and household bleach cleaners



For orders or questions, call us at the following numbers or visit us at www.solvay.com

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PRINCIPAL USES

Conditioning Shampoos	5-15%	Alpha Hydroxy Acid Cleansers	5-15%
Mild Skin Cleansers	5-15%		

STANDARD PACKAGING

MACKAM® CET is available in Bulk Quantities, 450 LB. Closed Head Poly Drums, and 1000 KG. IBC's. Alternative package sizes may be available upon request.

SHELF LIFE

MACKAM® CET has a shelf life of 730 days.

WARNING

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