

MACKADET[®] EQ 112

TECHNICAL DATA SHEET NA 90059823 – JUNE 2017

IDENTIFICATION

INCI Name: COCAMIDOPROPYL BETAINE, PEG-80 SORBITAN LAURATE, SODIUM TRIDECETH SULFATE, PEG-150 DISTEARATE

SPECIFICATIONS

Appearance @ 25 Deg C
Color Gardner
Solids (Moisture Balance), %
pH (As Is @ 25 Deg C)
Viscosity @ 25 Deg C, #3 SP @ 12 RPM, CPS
Total Plate Count, CFU/G
Yeast and Molds
Candida Albicans
A. Niger, CFU/G
Staphylococcus Aureus
Gram Negative Bacteria

RESULTS

Clear Liquid
4 Max
41.0 Min
6.3 – 7.3
6000 Max
500 Max
10 Max
Absent
Absent
Absent
Absent

METHOD

100C
104A
150A
146A
176A
700D
700B
700G
700M
700F
700K

TYPICAL PROPERTIES

Specific Gravity, @ 25°C 1.058
Preservative: Quaternium-15 0.1%

STANDARD APPLICATIONS

MACKADET[®] EQ 112 is mild blend of ingredients for the formulation of tear-free baby shampoos. Dilution at 27% in water gives a standard baby shampoo.

PRINCIPAL USES

Foam Pump	10% - 15%	Facial/Body Wash	20% - 30%
Bubble Baths	15% - 20%	Baby/Kid Shampoos	25% - 30%

Note: Tear free claims require tests to be performed by the customer using fragrance, dyes and preservatives etc. The ingredients of Mackadet EQ-112 make favorable results probable.
Mackadet EQ-112 @ Use Level of 27%. See page 2 for more info.



For orders or questions, call us at the following numbers or visit us at 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

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(55) 11 37 47 78 86

STANDARD PACKAGING

MACKADET® EQ 112 is available in Bulk Quantities, 450 LB. Open Head Poly Drums, and 2200 LB. Totes. Alternative package sizes may be available upon request.

SHELF LIFE

MACKADET® EQ 112 has a shelf life of 730 days.

SUMMARY OF IRRITANCY DATA

Mackadet EQ-112 @ Use Level of 27%

HET-CAM – 12.0/32.0 or Moderately Irritating

Skin Sensitization (Human RIPT) – Did not demonstrate potential for eliciting dermal irritation or sensitization

Reference Materials

HET-CAM Leading Brand Baby Shampoo– 13.25/32.0

HET-CAM Leading Brand Adult Shampoo – 24.25/32.0

HET-CAM Scoring

0.0 – 4.9	Practically none
5.0 – 9.9	Slight
10.0 – 14.9	Moderate
15.0 – 32.0	Severe

WARNING

The information contained in this document is given in good faith and based on our current knowledge. It is only an indication and is in no way binding, notably as regards infringement of or prejudice to third parties through the use of our products. SOLVAY GUARANTEES THAT ITS PRODUCTS COMPLY WITH ITS SALES SPECIFICATIONS.

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