

# MACKANATE<sup>®</sup> ELK MB

TECHNICAL DATA SHEET NA 90100354 – JULY 2020

**PROVISIONAL**

## IDENTIFICATION

INCI Name: DISODIUM LAURETH SULFOSUCCINATE

CAS Number: 68815-56-5

## SPECIFICATIONS

Solids (Moisture Balance), %  
pH (10% Aqueous)  
Color Gardner  
Infrared Spectrum  
Appearance @ 25 Deg C  
% Transmission @ 420 NM  
Actives, % (MW = 548)  
Sodium Chloride, %  
Bacteria Counts, cfu/U  
Peroxide, ppm  
Sodium Sulfate, %  
Yeast and Molds, cfu/U  
Sodium Citrate, %  
Formaldehyde  
Kathon CG Added  
Unsulfated Matter, %

## RESULTS

38.0 – 40.0  
6.0 – 7.0  
1 Max  
Matches Standard  
Clear Liquid  
90.0 Min  
31.0 – 34.0  
0.25 Max  
10 Max  
50 Max  
2.0 Max  
10 Max  
0.50 Max  
Negative  
15 ppm added  
3.5 Max

## METHOD

150A  
146i  
104A  
542A  
100C  
168A  
224U  
230B  
700A  
178A  
288A  
700B  
312A  
324A  
350A  
172B

## TYPICAL PROPERTIES

Specific Gravity @ 25°C 1.118  
Preservative System  
Methylchloroisothiazolinone 11.4 ppm  
Methylisothiazolinone 3.6 ppm

## STANDARD APPLICATIONS

MACKANATE<sup>®</sup> ELK MB is a very mild, nearly colorless sulfosuccinate derived from a three-mole ethoxylated lauryl alcohol. MACKANATE<sup>®</sup> ELK MB provides excellent foam properties, which can be enhanced by blending with sodium laureth sulfate. The combination of these two surfactants provides very mild products to both skin and eyes with excellent foam performance. MACKANATE<sup>®</sup> ELK MB is preserved with 0.1% Kathon<sup>®</sup> CG\* and contains no formaldehyde or formaldehyde-donor preservatives. Disodium Laureth Sulfosuccinate is not listed on Japan's ENCS inventory, but it is listed in the Japanese JSCI standards, No. 503127, and is acceptable for a wide variety of CLS categories of use.

## PRINCIPAL USES

Bubble Bath	15% - 20%	Shampoo	2% - 10%
Sulfate Free Formulas	15% - 20%	Hand Dish Wash	3% - 15%
Body Wash	2% - 5%		



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## STANDARD PACKAGING

MACKANATE® ELK MB is available in Bulk Quantities, 450 LB. Closed Head Poly Drums, and 2200 LB. Totes . Alternative package sizes may be available upon request.

## SHELF LIFE

MACKANATE® ELK MB has a shelf life of 365 days.

### WARNING

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