

MIRATAINE® 50 SB

TECHNICAL DATA SHEET NA 90101239 – DECEMBER 2022

IDENTIFICATION

INCI Name: COCAMIDOPROPYL HYDROXYSULTAINE
CAS Number: 691400-36-9

SPECIFICATIONS

Appearance (25°C)
Oven Solids (1 hour @ 105°C), %
Color Gardner
pH (10% Aqueous)
Sodium Chloride, %

RESULTS

Clear Liquid
48.0 – 52.0
3 Max
7.0 – 9.0
5.5 – 7.0

METHOD

100C
148D
104A
146I
230B

TYPICAL PROPERTIES

Specific Gravity, @ 25°C
Total Plate Count (cfu/g)
Preservative
Odor

1.09
10 Max
None
Typical

STANDARD APPLICATIONS

MIRATAINE® 50 SB is a high performance zwitterionic surfactant that has excellent lime soap dispersing properties and is stable over a wide pH range. It is compatible with anionic, nonionic, amphoteric and cationic surfactants. This grade of cocamidopropyl hydroxysultaine has a particularly low color and odor. MIRATAINE® 50 SB exhibits high foaming even in high electrolyte solutions. When compared to cocamidopropyl betaine, MIRATAINE 50-SB exhibits better flash foam and viscosity-building characteristics with lauryl sulfates and alpha olefin sulfonates. MIRATAINE® 50 SB is produced from a high grade of purified, hydrogenated coco fatty acid and is fully biodegradable. It is stable in both hard and soft water. A glycerine-free grade that works well for quality mild shampoos, high-foaming bath products and liquid soaps.

PRINCIPAL USES:

Personal Care: Shampoos - 2% - 10%; Body Cleansers - 2% - 10%; Bubble Baths - 0.1% - 5%;
Liquid Soaps - 2% - 10%. Industrial & Institutional: Lime Soap Dispersion - 2% - 5%; Oil Field Products - 1% - 5%

STANDARD PACKAGING

MIRATAINE® 50 SB is available in Bulk Quantities, 200 KG. Drums, 450 LB. Closed Head Poly Drums, and 2200 LB. Totes. Alternative package sizes may be available upon request.

SHELF LIFE

MIRATAINE® 50 SB has a shelf life of 730 days.

DISCLAIMER

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