

RHODACAL[®] LSS-40/AX

TECHNICAL DATA SHEET NA 90018371 – AUGUST 2021

IDENTIFICATION

Chemical Name: SODIUM ALPHA OLEFIN SULFONATE
INCI Name: SODIUM C14-16 OLEFIN SULFONATE
CAS Number: 68439-57-6

SPECIFICATIONS

Sodium Sulfate, %
Appearance @ 25 Deg C
Iron, ppm
Sodium Chloride, %
pH (10% Aqueous)
Microwave Solids, %@100% Power, %
Color, KLETT (5% Active)
Free Oil, %
Active, %
Kathon, %
Viscosity, CPS @ 25 Deg C
Total Plate Count, CFU/ML

RESULTS

1.6 Max
Amber Liquid
5.0 Max
1.0 Max
7.0 – 9.0
35.0 – 40.0
100 Max
1.5 Max
38.0 – 40.0
0.08 – 0.10
200 Max
10 Max

METHOD

RP-17503
RP-17620
RP-17610
RP-17504
RP-17601
RP-17650
RP-17604
RP-17607
RP-17102
RP-17619
RP-17619
RP-1370

TYPICAL PROPERTIES

Density (g/cm³ @ 20 Deg C) 1.06

STANDARD APPLICATIONS

RHODACAL[®] LSS-40/AX is an aqueous solution of C14-C16 alpha-olefin sulfonate. This product is prepared by reacting high quality alpha olefin, produced by the polymerization of ethylene, with sulfur trioxide in a thin-film continuous reactor. This product is preserved with Kathon CG. When it is diluted or incorporated into a formulation we recommend the addition of a preservative approved by the appropriate legislation.

This product combines excellent detergency properties and foaming properties with high solubility and lower irritancy than sodium alkyl sulfates and sodium alkyl benzene sulfonates. It is recommended for the following: bubble baths, shampoos, fine fabric wash formulation, liquid soaps, and manual dishwashing liquids.

STANDARD PACKAGING

RHODACAL[®] LSS-40/AX is available in Bulk Quantities, 450 LB. Open Head Fiber Drums, and 2200 LB. Totes. Alternative package sizes may be available upon request.

SHELF LIFE

RHODACAL[®] LSS-40/AX has a shelf life of 365 days.

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.

This information must on no account be used as a substitute for necessary prior tests which alone can ensure that a product is suitable for a given use. Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorisations. Users are requested to check that they are in possession of the latest version of the present document and SOLVAY is at their disposal to supply any additional information.



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