

MACKAM[®] LHS

TECHNICAL DATA SHEET NA 90059904 – APRIL 2018

IDENTIFICATION

INCI Name: LAURYL HYDROXYSULTAINE
CAS Number: 72869-77-3
EC Number: 276-954-9

SPECIFICATIONS

Appearance @ 25 Deg C
Oven Solids, %
Infrared Spectrum
Color Gardner
pH (5% Solution)
Sodium Chloride, %

RESULTS

Clear Liquid
49.0 – 51.0
Matches Standard
3 Max
7.0 – 8.0
6.0 – 8.0

METHOD

100C
148A
542A
104A
146H
230B

TYPICAL PROPERTIES

Specific Gravity, @ 25°C 1.10
Total Plate Count (CFU/g) 10 Max
Preservative None

STANDARD APPLICATIONS

MACKAM[®] LHS is a fatty alkyl sulfobetaine, which is useful for industrial, household and hair & body care formulations. MACKAM[®] LHS is a biodegradable high foamer with excellent stability in both extreme acid and alkaline formulations. Being a permanently zwitterionic surfactant, MACKAM[®] LHS is compatible with virtually all other surfactants and it can be solubilized at 2-3% in 30-40% caustic soda solution. Unlike similar amido-functional sultaines, MACKAM[®] LHS is very stable in both acid and alkali and is not subject to degradation through hydrolysis.

PRINCIPAL USES

Personal Care

Shampoos 2% - 10%
Shower Gels 2% - 10%
Liquid Soaps 2% - 10%
AHA & BHA Cleansers 2% - 10%

Industrial & Institutional

Acid Cleaners 1% - 8%
Bleach Cleaners 1% - 8%
Bathroom Cleaners 1% - 8%
Glass Cleaner 0.5% - 1%



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
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Asia - Pacific
(65) 62 91 19 21

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(55) 11 37 47 78 86

STANDARD PACKAGING

MACKAM[®] LHS 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

MACKAM[®] LHS has a shelf life of 730 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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