PILOT® CHEMICAL COMPANY

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# MACAT® LB

## PRODUCT DATA SHEET

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**PRODUCT DESCRIPTION**

Macat® LB is a lauryl (C12) dimethyl betaine in water. Macat® LB is a mild, effective wetting agent with good detergency and coupling performance for use in HI&I and personal care applications.

**COMMON CHEMICAL NAME**

Lauryl Betaine

**CAS #**

683-10-3

**TYPICAL PROPERTIES**

| | |
|---|---|
| Appearance at 25°C | Pale yellow liquid |
| Solids, wt.% | 32.0 – 36.0 |
| Sodium Chloride, wt.% | 5.0 |
| Water Solubility | Miscible |
| Freeze Point | 0ºC (32ºF) |
| Shelf life | 2 years |

**APPLICATIONS**

Macat® LB can be used in a wide range of markets and applications. Macat® LB is compatible with anionic, nonionic, cationic, and other amphoteric compounds. Macat® LB can be used to improve the viscosity response with traditional anionic surfactants as well as to boost the foaming properties. HI&I cleaner formulations can benefit from the superior coupling performance for improved detergency, foam stabilizing and ingredient compatibility. In personal care, Macat® LB offers exceptional mildness making it a good compliment for use in hair shampoos, conditioners and rinses, and skin cleansers.

**ADVANTAGES**

Macat® LB is CleanGredients® Listed, which means it has been pre-approved by the U.S. EPA to meet the criteria of their Safer Choice Standard. This certification may streamline the approval process for EPA's Safer Choice program, getting a formulator's Safer Choice labeled product to market faster.

**HANDLING & STORAGE**

Refer to the Macat® LB SDS (Safety Data Sheet) before handling. Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment and observe good industrial hygiene practices. Material is slippery on wet and hard surfaces. Store in tightly closed container. Do not store with strong oxidizing agents. Avoid excessive heat. Recommended storage temperatures above 32°F. Product is not damaged by freezing. If material becomes frozen it should be heated gently and stirred to ensure it is homogeneous before use.

**PACKAGING**

Macat® LB is available in 450 lb. poly drums.

***See starting formulas and additional product information at www.pilotchemical.com.***

The information and suggestions given are drawn from data we believe to be reliable, but in all cases, the user should check and confim the suggestions and results in his own use before proceeding further. None of the suggestions or recommendations constitute freedom from any patents that may be existent in the field or be issued.

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