PILOT CHEMICAL COMPANY

We're going further®

www.pilotchemical.com
9075 Centre Pointe Drive • Suite 400
West Chester, OH 45069

MACAT® LFB

PRODUCT DATA SHEET

PDS 781006.2.ACTIVE.06112024

PRODUCT DESCRIPTION

Macat® LFB is a low foaming, 37% solids caprylic/capric (C8/10) amidopropyl dimethyl glycine (betaine) in water. Macat® LFB is a classic zwitterion surfactant with good detergency, coupling performance and exceptional mildness that can be used in many HI&I and personal care applications.

COMMON CHEMICAL NAME

Capryl / Capramidopropyl Betaine

CAS #

73772-46-0; 73772-45-9

TYPICAL PROPERTIES

Appearance, 25°C	Clear, amber liquid
Solids Content, wt.%	37.0
Sodium Chloride, wt. %	6.0 – 8.0
pH (10% solution)	4.0 – 8.0
Shelf Life	2 Years

APPLICATIONS

Macat® LFB is a mild, yet effective cleansing agent, compatibilizer, and outstanding foam stabilizer useful in both HI&I and personal care cleaning applications. Personal care formulations like facial washes and liquid hand soap benefit from the exceptional mildness. Macat® LFB can be used as a secondary surfactant or as a coupler for other less soluble ingredients. Macat® LFB is compatible with most anionic, nonionic, and cationic surfactants. Macat® LFB can be used over a broad pH range and performance is unaffected by hard water. HI&I formulations can benefit from the superior coupling performance for improved detergency, foam stabilizing and ingredient compatibility. Such HI&I cleaning products include but are not limited to car washes, liquid dish detergents, degreasers, and all-purpose cleaners.

ADVANTAGES

Macat® LFB 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.

STORAGE & HANDLING

Refer to the Macat® LFB SDS (Safety Data Sheet) before handling. Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment and observe good industrial hygiene practices. Store in a tightly closed container. Do not store with strong oxidizing agents. Recommended storage temperatures are 40-120°F. If material is frozen, mild heat (70-90°F) and agitation should bring product back to original quality. Ensure product is homogenous before use.

PACKAGING

Macat® LFB is available 450 lb. poly drums.

See 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 confirm 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.

RESPONSIBLE CARE®