PILOT® CHEMICAL COMPANY

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CALOXAMINE® LO

PRODUCT DATA SHEET

PDS 831000.2.ACTIVE.09292023

PRODUCT DESCRIPTION

Caloxamine® LO is a lauryl dimethylamine oxide surfactant solution in water. Caloxamine® LO is used as a foam booster, grease cutter and coupler in both personal care and HI&I applications.

COMMON CHEMICAL NAME

Lauramine Oxide

CAS #

1643-20-5

TYPICAL PROPERTIES

Appearance	Clear liquid
Active, wt. %	30.0
pH (10% solution)	7.5
Foam Height (1% active soln.; 25°C), mm	Initial: 147; 5 Minutes: 140
Freeze Point	30°F
Shelf Life	2 Years

APPLICATIONS

Shampoo, Bubble Bath, and Hand Soap
Caloxamine® LO provides excellent foam stabilizing and viscosity building in neutral or mildly basic media. It is therefore a suitable co-surfactant for a range of personal cleansing products.

Conditioning Formulations
Caloxamine® LO, at acidic pH, displays cationic properties which make it ideal for mild conditioning applications. The product's versatility is enhanced by its proven stability over a wide pH range.

Liquid Dish Detergent
Caloxamine® LO finds application in a range of household and institutional dish detergents where it serves to emulsify grease and stabilize foam where needed.

Hard Surface Cleaners
Caloxamine® LO's good detergency, tolerance of hypochlorite and compatibility with other surfactants make it an ideal component of general household cleaners, metal cleaners, car wash and wax strippers. general household cleaners, metal cleaners, car wash and wax strippers.

ADVANTAGES

Caloxamine® LO 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 Caloxamine® LO SDS before handling. Normal safety precautions (i.e., gloves and safety goggles) should be employed when handling. Do not get in eyes. Avoid skin and clothing contact. Avoid breathing vapors. Caloxamine® LO should be stored at temperatures between 40 and 120ºF. Frozen material may be thawed in a warm room; avoid excessive heat. Keep container closed when not in use.

PACKAGING

Caloxamine® LO is available in 450 lb. poly drums, 2200 lb. poly totes and bulk (tank rail and tank truck).

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.

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