PILOT® CHEMICAL COMPANY

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MACAT® MCO

PRODUCT DATA SHEET

PDS 831281.2.ACTIVE.11042024

PRODUCT DESCRIPTION

Macat® MCO is 30% active myristyl/cetyl dimethylamine oxide in water. Macat® MCO is a versatile nonionic chemistry that can be used in a wide variety of applications and markets.

COMMON CHEMICAL NAME

Myristamine Oxide, Palmitamine Oxide

CAS #

68955-55-5

TYPICAL PROPERTIES

Appearance, 25°C	Clear, colorless to pale yellow liquid
Active, wt.%	30%
Free Hydrogen Peroxide, wt.%	< 0.3
Free Amine, wt.%	< 1.0
Shelf Life	2 Years

APPLICATIONS

Macat® MCO is a multiuse nonionic surfactant. Macat® MCO finds use in personal care formulations as a conditioning ingredient in creams and conditioner or as a foam booster in shampoos. Macat® MCO offers foam boosting, detergency, wetting, grease cutting, and viscosity control for use in many household, institutional, and industrial applications such as hard surface cleaners, dishwash detergents and drain openers and cleaners.

ADVANTAGES

Macat® MCO is compatible with nonionic, anionic, and cationic surfactants and is stable in acid and hypochlorite formulations.

Macat® MCO 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

Please refer to the Macat® MCO Safety Data Sheet (SDS) before handling. Employ normal safety precautions (i.e., glove and safety goggles) when handling. Prevent contact with skin and avoid contact with eyes. Wash hands thoroughly after handling material. Keep containers closed when not in use. Avoid overheating or freezing. Store at temperatures below 86°F. If material is frozen, use mild heat (95°F) and agitation to ensure the material is homogenous before use.

PACKAGING

Macat® MCO is available in 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®