PILOT CHEMICAL COMPANY

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# MACAT® AO-8

## PRODUCT DATA SHEET

PDS 831081.2.ACTIVE.06212024

**PRODUCT DESCRIPTION**

Macat® AO-8 is 30% active octyl dimethylamine oxide in water. Macat® AO-8 is a versatile nonionic chemistry that can be used in a wide variety of applications and markets.

**COMMON CHEMICAL NAME**

Octylamine Oxide

**CAS #**

2605-78-9

**TYPICAL PROPERTIES**

| | |
|---|---|
| Appearance | Clear, colorless liquid |
| Active, wt.% | 30.0 |
| Free Hydrogen Peroxide, wt.% | < 0.5 |
| Free Amine, wt.% | < 0.5 |
| Solubility in Water | Complete |
| Shelf Life | 2 Years |

**APPLICATIONS**

Macat® AO-8 is a multiuse nonionic surfactant that offers low foam, detergency, wetting and solubilizing performance for use in many household, institutional, and industrial applications such as hard surface cleaners, clean-in-place cleaners, and laundry detergents. Macat® AO-8 is compatible with nonionic, anionic, and cationic surfactants and is stable in hypochlorite and peroxide formulations. Also stable in acidic systems, Macat® AO-8 exhibits enhanced surface activity for use in acidic floor and bathroom cleaners. Macat® AO-8 is approved for use as an inert ingredient in pesticide formulations for nonfood use. For textile applications, Macat® AO-8 is non-rewetting above 350°F. The foaming properties and stability in brine solutions make Macat® AO-8 a surfactant of choice for oil and gas applications.

**ADVANTAGES**

Macat® AO-8 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® AO-8 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 between 35°F to 100°F. If material is frozen, use mild heat and agitation to ensure the material is homogenous before use.

**PACKAGING**

Macat® AO-8 is available in 450 lb. poly. drums and 2250 lb. poly. totes.

***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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