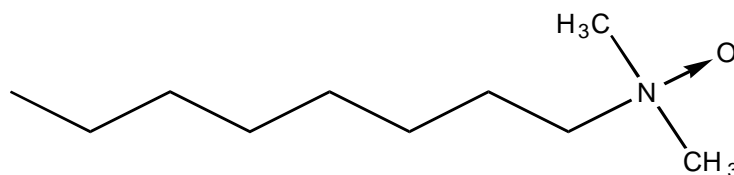


Macat[®] AO-8



Octyl Dimethylamine Oxide

Overview

MACAT AO-8 is a 30% active octyl (C₈) dimethylamine oxide in water. AO-8 is an effective low foam wetting and coupling agent that is hypochlorite and acid stable.

The exceptional quality of MACAT AO-8 allows for use in a wide range of markets and applications. AO-8 offers broad surfactant compatibility and is an effective coupling agent. **HI&I Cleaners** formulations economically employ AO-8 for detergency, foam control and hypochlorite stability. Stable in acidic systems, AO-8 exhibits enhanced surface activity for use in acidic floor and bathroom cleaners. In **Textile** finishing, MACAT AO-8 is non-rewetting above 350°F.

MACAT AO-8 is biodegradable, and contains no solvents or VOCs. AO-8 is an efficient lipid solubilizer with an LD₅₀ (Rats) of 3600 mg/kg and at 2.5% active, causes minimal eye irritation.

INCI Name: Octylamine Oxide

CAS# 2605-78-9

Typical Properties

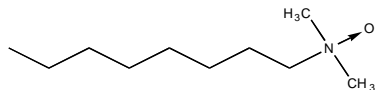
Water solubility.....	Complete
Physical form.....	Colorless liquid
Color (APHA).....	80 Maximum
Amine Oxide (m.w. 173).....	27-30%
Free Amine (m.w. 157).....	0.2% Maximum
Free Peroxide.....	0.2% Maximum
Specific gravity (25°C).....	0.99±0.04
pH (10% aq.).....	8.5±1.0
Flash point.....	>200°F (PMCC)
RVOC, U.S. EPA, %.....	0
Shipping.....	Non-Red Label

Handling Information

Refer to the Material Safety Data Sheet (MSDS) available from Mason Chemical Company for information on the safe use, handling and disposal of this product.

Macat is a trademark of Mason Chemical Company.

Macat[®] AO-8



MACAT AO-8 is a 30% active octyl (C₈) dimethylamine oxide in water. AO-8 is an effective low foam wetting and coupling agent that is hypochlorite and acid stable. The formulation below illustrates this effect.

Insect Removing Glass Cleaner

Ingredient	Wt%
Water.....	82.0
Potassium Hydroxide, 45%.....	2.0
Gluconic acid.....	3.0
Macat LFB	2.0
Macat AO-8	6.0
Monoethanolamine.....	5.0

Note
Mix in order listed.

Macat AO-8 complies with the requirements of the following chemical inventories: US (TSCA, FIFRA-EPA Pesticide Inert Ingredient), Canada (NDSL), Philippines (PICCS), ASIA-PAC.
See Material Safety Data Sheet for additional information.