

TECHNICAL DATA SHEET

amine oxide (OB-2)

Amine oxide (OA) is an oxide that directly combines oxygen with nitrogen atoms in tertiary amine molecules. Oxygen in amine oxide molecules carries a significant negative charge and can bind to hydrogen protons. It is a weak base, but its alkalinity is weaker than that of the parent tertiary amine. The weak alkalinity of amine oxide makes it exhibit non ionic properties in neutral and alkaline solutions, and cationic in acidic media. It is a multifunctional amphoteric surfactant

Specification:



CAS No	1643-20-5
Appearance (30°C)	Colorless to pale yellow clear liquid
Active assay	30%±2%
Free amine and its salt	≤1%
PH (10% aqueous)	4-8
Hydrogen peroxide remaining	≤0.5%

Pachaging:

Iron drum & plastic drum packaging
200kg /drum
IBC/ISO tank
Customization of packaging

Application:

Mainly used as a foaming and stabilizing agent in various transparent liquid detergent formulations such as tableware detergent and bath gel, it can improve the compatibility of thickeners and the overall stability of products. It can also be used in the textile printing and dyeing industry as a formula component of antistatic agent, silk soaking agent and finishing auxiliaries.