



Transfar Zhilian Co.,Ltd

Technical Data Sheet

Product Name: Cocamidopropylamine Oxide CAO

INCI Name: Cocamidopropylamine Oxide

CAS Number: 68155-09-9

Molecular Formula: RCONH(CH₂)₃N(CH₃)₂O R=Cocoyl

Description: CAO is an amphoteric surfactant, soluble in water and polar organic solvents. Aqueous solution is cationic in acidic condition and nonionic in alkaline condition. It has good properties of thickening, antistatic, softening, foaming, stabilization and decontamination.

Specification:

Item	Specification	Test Method
Appearance (25°C)	Colorless to light yellow transparent liquid	Visualization
Color, Hazen	≤70	GB/T 3143
pH (10% aq. solution, 25°C)	6.0-8.0	GB/T 6368
Active content, %	29.0-33.0	GB/T 26458
Free amine, %	≤0.10	GB/T 26458
H ₂ O ₂ , %	≤0.10	GB/T 26458

Application:

Suitable for all kinds of laundry detergent, tableware detergent, shampoo, bath liquid, facial cleanser, and household detergent.

Recommended Dosage: 1 - 5%