



TECHNICAL DATA SHEET

Product	C12-15 PARETH-2
Chemical Name	C12-15 AEO
CAS	68131-39-5
Density	0.93at 20°C
Water solubility	21mg/L at 20°C
EINECS Number	500-195-7
LogP	5.79 at 25°C

SPECIFICATION :

Specification	Apperance (25°C)↵	Color Pt-Co ↵	Cloud point °C (1% water solution)	Hydroxyl value mgKOH/g	Water(%)	pH (1 % water solution)	HLB
AEO-3	colorless transparent liquid	≤20	—	170~180	≤1.0	5.0~7.0	6~7
AEO-5	colorless transparent liquid	≤20	—	130~140	≤1.0	5.0~7.04	10~11
AEO-11	Milky white paste	≤20	70~95	—	≤1.0	5.0~7.0	13~14

Note: * means measured in 5% NaCl solution

Packaging :

25kgs drum, 200L drum, IBC drum or pack as customer requirements.

Application:

- 1) AEO-3 is easily soluble in oil and polar solvents, diffuses in water, and has good emulsifying properties. It is used as a w/o emulsifier for the emulsification of mineral oil and aliphatic solvents, and as a viscosity reducer for polyvinyl chloride plastisol. It is widely used in chemical fiber oils. AEO-3 is the main raw material for the production of AES.
- 2) AEO-5 is easily soluble in oil and polar solvents, diffuses in water, and has good emulsifying properties. It is used as a w/o emulsifier for the emulsification of mineral oil and aliphatic solvents, and as a viscosity reducer for polyvinyl chloride plastisol. It is widely used in chemical fiber oils.
- 3) AEO-11 easily soluble in water, with excellent emulsifying, cleaning and wetting properties. In the wool spinning industry, it is used as wool detergent and degreasing agent, fabric scouring agent, and cleaning agent; it can be used as an important component of liquid detergents. used as an emulsifier in the production of cosmetics and ointments; it has excellent emulsifying, dispersing and wetting properties for mineral oils and animal and vegetable oils; it can also be used as an emulsifier for glass fiber spinning oils.

Shelf Life:

2 years in original packaging containers.