



## Emulsifier O series

**[similar product name]** Ping plus O

**[Chemical Composition]** fatty alcohol and ethylene oxide condensate

**[Type]** nonionic

**[Technical indicators]**

Specification	Appearance (25°C)	Color and lustrePt-Co	cloud point °C (1% water solution)	Hydroxyl value mgKOH/g	Water content (%)	pH Value 1%Water Solution	HLB Value
O-3	Creamy paste	≤20	—	145±4	≤1.0	5.0~7.0	6~7
O-5	Creamy paste	≤20	—	115±4	≤1.0	5.0~7.0	8.5~9.5
O-8	Creamy paste	≤20	—	92±3	≤1.0	5.0~7.0	11~12
O-9	Ivory solid	≤20	—	86±3	≤1.0	5.0~7.0	12~12.5
O-10	Ivory solid	≤20	72~76	—	≤1.0	5.0~7.0	12.5~13
O-15	Ivory solid	≤20	81~85*	—	≤1.0	5.0~7.0	14~15
O-20	Ivory solid	≤30	88~91*	—	≤1.0	5.0~7.0	15~16
O-30	Ivory solid	≤40	—	36±2	≤1.0	5.0~7.0	16~17

Note: \* indicated in 5%NaCL solution.



### [Performance and application]

- O-3 and O-5 are easily soluble in oil and organic solvents. It can be used as W/O emulsifier, chemical fiber softener and silk post-treatment agent.
- O-8, O-9, O-10, O-15, O-20, O-30 are soluble in water and organic solvents and stable to acid, alkali and hard water. It has good wetting, emulsifying and washing properties.
- O-8 and O-9 can be used as leveling agent, retarder, emulsifier for glass fiber industry, emulsifier for chemical fiber spinning, emulsifier for cosmetics and ointment production, and household and industrial



cleaning agent. O-10 is one of the components of chemical fiber spinning agent in the chemical fiber industry. It has good spinnability. It is emulsifying agent in general industry. It has good emulsifying properties for moving, planting and mineral oil. The emulsion is very stable. It can also be used for the preparation of household detergent, industrial detergent and metal detergent. As a wetting agent; as a component of emulsifier in pesticide industry. O-15 has good scouring performance, levelling agent and retarding agent in printing and dyeing industry, enhances dyeing fastness and colourful beauty. As a cleaning agent in metal processing, it is easy to remove oil pollution on the surface and is convenient for processing in the latter process; in general industry, emulsifying agent can produce a very stable emulsion. O-20 has the properties of diffusion, leveling, wetting, foaming and so on. It has good affinity for direct dyes and VAT dyes. It is used as leveling agent, diffuser, stripping agent, retarder, semi-antidyeing agent, whitening agent and brightening agent for various dyes in textile industry. Emulsifying properties can be used as emulsifiers in latex industry, polymer emulsion polymerization and glass fiber lubricating oil. This product can effectively remove dyestuff and stain the fabric on the fabric, reduce the electrostatic effect of fabrics, use as a component of synthetic fiber spinning agent such as polyester, and as a coating slurry A in chemical production. Raw materials such as adhesive FD and rubber BA are used as raw wool detergent and fruit tree pesticide osmosis agent.

4. O-30 can be mixed with various surfactants with good dispersibility and emulsifying properties. It can be used as leveling agent, retarder, glass fiber emulsifier and industrial detergent in printing and dyeing industry.

#### **[Packaging and storage]**

Packaging: 50KG, 120KG and 200KG plastic barreled.

Storage and transportation: this series of products is non-toxic, non flammable and stored and transported according to general chemicals. Store in dry and ventilated place.

The shelf life is two years.

#### Contact us

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