

Technical Data Sheet

Version: 2.0
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Date: 18 / 6 / 2026



Item Name:

PE9010

PRODUCT INFORMATION

Chinese Name:	苯氧乙醇 + 乙基己基甘油
Commodity Name:	PE9010
Chemical Name:	Phenoxyethanol & Ethylhexylglycerin (9010)
Other Name:	Phenoxyethanol, Ethylhexylglycerin
CAS No.:	122-99-6 (Phenoxyethanol); 70445-33-9 (Ethylhexylglycerin)

PRODUCT DESCRIPTION

PE9010 contains active ingredients phenoxyethanol and ethylhexylglycerin. After these two substances are compounded, the solution has higher anti-bacterial ability. It has a wide range of antibacterial activity and good solubility which can be dissolved in water and polar organic solvents. At the same time, its pH adapts to a wide range. Therefore, PE9010 can be used as a preservative or antibacterial agent in various cosmetics.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	Nearly colorless, clear liquid at room temperature
Odor	Characteristic
pH (10 % in water)	4.0 - 7.0
Refractive Index (20°C)	1.520 - 1.534
Specific Gravity (20°C)	1.070 - 1.098
Sulfated Ash	≤ 0.2%
Lead	≤ 10 mg/kg
Arsenic	≤ 2 mg/kg
Mercury	≤ 1 mg/kg
Cadmium	≤ 5 mg/kg
Total plate count	≤ 1000 cfu/g
Mould & yeast	≤ 100 cfu/g

MAIN APPLICATION

Preservative, antibacterial agents and etc.

Dosage: 0.1% - 1.0%.

PACKING AND SHELF LIFE

Packing: 20kg/ plastic bucket

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.