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Polyethylene glycol

INTRODUCTION

Polyethylene glycol is compatible with most of organic solvents, and has excellent water solubility and effective as a non-volatile solvent because of its high boiling point. **Polyethylene glycol** is rigid solid. Every **PEG** type surfactants has excellent hydroscopic properties and this is controllable by adjusting the degree of condensation. As the degree of condensation increases, the hydroscopic properties is decreased. **Polyethylene glycol** is characterized by less toxicity and less skin contact with skin or lips.

PROPERTIES

	Typical properties
Color(Apha)	50 Max.
Molecular weight	1400 - 1600
Appearance (at 25 °C)	Whitish flake
Melting point	43 - 48 °C
pH(5.0% aq. Soln.)	5 - 7
Active content(%)	99.5 up
Water Contents(K.F.method)	0.5% max.
Hydroxyl value	70 - 80

PACKING CONDITION

Net 20kg packed in paper bag

INCI NAME

Polyethylene glycol