



## Propylene Glycol (Pharma grade)

### Description

Propylene Glycol is a water-white sticky-thick hydrophilic liquid, with the stable character.

### Application:

Propylene Glycol is used as the carrier of medicine and agent for particle medicine, as a solvent of perfume and edible pigment, emollient in food packing, and anti-adhesive, as humidor, emollient and solvent. It also can be used as tobacco flavor, lubricated solvent, and preservative. As the raw material of non-saturated alkyd resin, plasticizer, dehydration, surface active agent, solidification agent, and cohesive agent. It also used in paint industry, pesticide industry and dope industry etc.

### Characteristic data:

Item	Index
Content%	≥99.8%
Color Tone (APHA)	10 max
Index of refraction ( $n_D^{20}$ )	1.431-1.435
Moisture%	≤0.2
Free acid (as CH <sub>3</sub> OOH%)ppm	≤75
Ash ppm	≤80

### Other data

Item	Index
Appearance	water-white sticky-thick liquid,





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Melting point/melting range	-59.5°C
Flash point	107°C (open cup) 98.9°C (closed cup)
its Boiling point/boiling range	187.3°C
Relative density	1.0381g/ml (20°C)

### Solubility

It is soluble in the organic solvent, such as water and ethanol.

### Storage

Protect container from physical damage. Store in a cool, dry, ventilated area away from sources of heat, moisture, and incompatible substances. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product

