



Propylene Glycol

CODE:PG/MPG/MPD

GRADE:Food/Industry/USP Grade

PACKAGING :215kg/220kg/IBC Drum

What is PG/MPG?

PG/MPG(Propylene glycol), it is a common edible emulsifier. It is a liquid.

Function:

Antioxidant

Emulsifier

Stabilizer

Thickener

Moisture preserver

Propylene glycol is a synthetic liquid substance that absorbs water. Propylene glycol is also used to make polyester compounds, and as a base for deicing solutions. Propylene glycol is used by the chemical, food, and pharmaceutical industries as an antifreeze when leakage might lead to contact with food.

Applications



Food

- It is an aqueous solvent that can dissolve water-soluble spices, pigments, preservatives, vitamins, resins, etc;
- Commonly used in bean milk, pastry, noodles, octopus, squid and other smoked products.

Used as thinner, antifreeze and anti-skinning agents; ●



Painting



Cosmetics

- As a good moisture agent, widely used in facial mask, lotion, facial cleanser, essence, moisturizing lotion and plant extract;
- Help the active ingredients penetrate;

Used as raw material for resins, plasticizers, surfactants, emulsifiers and demulsifiers; ●
It can also be used as antifreeze and heat carrier; ●



Industry



Medicine

- Used as a solvent for insoluble or water-soluble stable drugs to increase their stability;
- It has both quick and long-lasting effects;

It can be used for printing ink and epoxy resin, etc. ●
as a good performance of solvent;



Others

Physical - Chemical Characteristics

ITEMS	SPECIFICATION
Assay as PG on a dry basis(%)	99.5 max
Water(%)	0.2 max
Color, Pt-Co(APHA Color)	10 max
Specific Gravity @25/25C	1.035 - 1.037
Refractive Index @25C	1.431 - 1.432
Acidity (ml 0.1N NaOH/10ml)	0.005 max
Chloride as Cl(%)	0.007 max

Packaging - Storage and Transportation



Packaging :215kgs/220kgs/IBC Drum

Storing :Dry and Cool environment at temperature below Max. 30°C

Transportation :80 drums or 20 IBC Drums for one 20GP container without pallets

