

Food Grade Propylene Glycol USP Kosher

DESCRIPTION

99.9% Food Grade Propylene Glycol USP Kosher.

Propylene Glycol is used:

- * As a moisturizer in medicines, cosmetics, food, toothpaste, mouth wash, and tobacco
- * In electronic cigarettes to deliver vaporized nicotine
- * As an emulsification agent in Angostura and orange bitters
- * As a solvent for food colors and flavorings
- * As an ingredient, along with wax and gelatin, in the production of paintballs
- * As a humectant food additive, labeled as E number E1520
- * As a cooling agent for beer and wine glycol jacketed fermentation tanks
- * As a carrier in fragrance oils
- * As a less-toxic antifreeze
- * As a solvent used in mixing photographic chemicals, such as film developers
- * In smoke machines to make artificial smoke for use in firefighters' training
- * In hand sanitizers, antibacterial lotions, and saline solutions
- * In cryonics
- * As a working fluid in hydraulic presses
- * As a coolant in liquid cooling systems
- * To regulate humidity in a cigar humidor
- * As the killing and preserving agent in pitfall traps, usually used to capture beetles
- * To treat livestock ketosis
- * As the main ingredient in deodorant sticks
- * To de-ice aircraft
- * UV Black-lite Tattoo Ink

Propylene glycol has properties similar to those of ethylene glycol (monoethylene glycol, or MEG). (Note: propylene glycol may also use the acronym MEG, but as an abbreviation of methyl ethyl glycol.) The industrial norm is to replace ethylene glycol by propylene glycol.

FEEDING AND CONTROL

Q-THERM PG concentrate must be diluted with water to make a finished solution. The freeze points for various solutions are:

Temperature		Percent Concentration Required
°C	°F	Freeze Protection Volume %
-7	20	18
-12	10	27
-18	0	34
-23	-10	41
-29	-20	46
-34	-30	50
-40	-40	54
-46	-50	57
-51	-60	60

Caution: These numbers represent typical values and are not to be regarded as specifications. The manufacturer does not guarantee results from use of the information or products herein; and gives no warranty, express or implied

TYPICAL CHARACTERISTICS

Color.....Clear liquid
Density.....8.7 lbs./gal.
Flash Point.....None
Fragrance.....Typical Glycol
pH(undiluted).....8.5-10