

## **TECHNICAL DATA SHEET**

### **Caprylyl Glycol**

**Description:** Caprylyl Glycol is a widely used humectant that can also boost or aid the preservation of cosmetic formulations by creating a biostatic environment that prevents growth of microorganisms.

**INCI Name:** Caprylyl Glycol

**CAS:** 1117-86-8

#### **Specification:**

Items	Specification
Appearance	Clear and colorless liquid (25°C), White solid at low temperature
Purity (by G.C.)	Not less than 98.5%
Moisture Content	Not more than 0.50%
Lead	≤ 10 mg/kg
Arsenic	≤ 2 mg/kg
Mercury	≤ 1 mg/kg
Cadmium	≤ 5 mg/kg
Total plate count	≤ 1000 cfu/g
Yeast & mould	≤ 100 cfu/g

#### **Benefits:**

- Bacteriostatic booster
- Emollient, moisturizer & wetting agent
- Effective in emulsions, creams and lotions in addition to surfactant-based products such as shower gels, facial cleansers and shampoos
- Has also thickening and solubilizing properties (stabilizes essential oils)

**Use:** Recommended use level of 1-2%. Can be added directly to the formulation during pre- or postemulsification at or below 60°C/140°F. When solidified, revert by gently warming. For external use only.

**Country of Origin:** China

**Storage:** Store light-protected at a cool and dry place