

## Propylene Glycol

### FACT SHEET

**Description:** Modified alcohol (1,2-propanediol), metabolized to lactic acid in the body. Clear, slightly viscous liquid, odorless, tasteless. Soluble in water. CAS# 57-55-6.

**INCI Name:** Propylene glycol.

**Properties:** Effective humectant & wetting agent preventing water loss in products & in the skin, increases skin permeability of active ingredients as it penetrates into the outermost skin layers, emollient & lubricant properties, excellent solubilizer of other ingredients (e.g. parabens), increases spreading of creams.

**Use:** Add as is to the water phase of the formulas, typical use level 1 - 8% in emulsions.

**Applications:** All kinds of skin care products, hair care products, color cosmetics, soaps (glycerin soap), mouthwashes, toothpaste.