

## Glycerin USP

### Specification Sheet

**Description:** Polyhydric sugar alcohol present in all natural fats, oils and phospholipids, degraded to glucose (sugar) in the body. Does not contain bovine, ovine, caprine or other animal-derived materials of any type. 100% vegan. 100% free of palm oil derivatives. Grades: USP, Kosher. Clear, slightly viscous liquid, odorless, sweet tasting. Solubility: soluble in water.

**CAS:** 56-81-5

**INCI Name:** Glycerin

**Benefits:**

- Effective humectant and moisturizer attracting water to the intercellular space of the skin
- Protects the lipids of skin cells
- Good solvent for various water-insoluble ingredients
- Effective emollient and lubricant properties

**Use:** Add as is to the water phase of the formulas, typical use level 2-5% in emulsions. For external use only.

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

**Country of Origin:** USA/Malaysia

**Raw material source:** Manufactured entirely from naturally occurring vegetable oil sources including oils from soya, rapeseed, and sunflower. 100% free of palm oil derivatives

**Manufacture:** Glycerin is produced by the traditional method by hydrolysis of fats and fermentation of sugars (saponification of neutral oils) using alkali carbonates as in the production of soap.

**Animal Testing:** Not animal tested

**GMO:** Not tested for GMOs

**Vegan:** Does not contain animal-derived components