

## Sorbitol

### FACT SHEET

**Description:** Natural polyhydric alcohol derived from a sugar solution (dextrose) from wheat, consists of the alcohols D-glucitol & D-mannitol, resistant to acids & alkalis, stable at temperatures up to 180oC (356oF). White, crystalline powder, slightly sweet odor. Soluble in water or alcohols. CAS# 50-70-4.

**INCI Name:** Sorbitol.

**Properties:** Excellent plasticizing & thickening effects providing viscosity & texture, stabilizes gels & provides good clarity, effective moisturizing properties (avoids moisture loss), good smoothing & conditioning effects.

**Use:** Can be added to formulas as is, typical use levels 5 - 50%.

**Applications:** Creams, lotions, gels, pastes (e.g. tooth pastes), protecting creams, ointments, makeup & sun care / personal care products.