

## Alpha Arbutin

### FACT SHEET

**Description:** Alpha-Arbutin (4-Hydroxyphenyl- $\alpha$ -D-glucopyranoside) is a synthetic and functional active ingredient for skin lightening. Crystalline, white powder. Water-soluble. Stable in the pH range from 3.5-6.5. CAS# 84380-01-8.

**INCI Name:** Alpha-arbutin.

**Properties:** Alpha-Arbutin blocks epidermal melanin biosynthesis by inhibiting enzymatic oxidation of Tyrosine and Dopa. Promotes skin lightening and an even skin tone on all skin types. Minimizes liver spots.

**Use:** Recommended concentration 0.2-2%, add to water phase of formula, best results use product containing Alpha-Arbutin for at least 2-3 months.

**Application:** All kinds of skin-lightening products including lotions, creams, makeup products.