

## EDTA

### FACT SHEET

**Description:** Chelating agent able to bind metal ions (e.g. sodium, calcium, magnesium, zinc and many more). Widely used in the food and cosmetic industry for various purposes. Off-white powder, no odor. Easily soluble in cold water. CAS # 64-02-8.

**INCI Name:** Tetrasodium EDTA (ethylenediaminetetraacetic acid tetrasodium salt).

**Properties:** Effective preservative (enhances efficacy of other antibacterial agents), emulsion and foam stabilizer (has detergent properties and stabilizes other surfactants), antioxidant (enhances effects of natural antioxidants as e.g. vitamin C and E), improves efficacy of other preservatives by stabilizing the pH value.

**Use:** Typical concentration 0.1-0.5% (Note: EDTA increases pH value!).

**Applications:** To preserve or stabilize all kinds of cosmetic products like creams, lotions, shampoos, conditioners, makeup products, sunscreen products.