

TECHNICAL DATA SHEET

EDTA-QUEST

INCI Disodium EDTA

CAS 6381-92-6



SPECIFICATIONS

Appearance	White crystal powder
Assay (%)	99 min.

GENERAL INFORMATION

EDTA-QUEST is used as an organic chelating agent in cosmetic formulation. It is a water-soluble acid and functions as a strong emulsion stabilizer. Due to its six functional groups, EDTA-QUEST is able to form complexes by bonding metal ions in a solution and rendering the metal ions inactive.

In skincare products this helps prevent cosmetic formulations and other personal care products from deteriorating.

EDTA-QUEST protects the integrity of cosmetic products from different changes, such as modifications in the pH, in odor, in texture and unwanted consistency changes.

In addition, EDTA-QUEST enhances the foaming and cleaning abilities by binding with metal ions like magnesium, iron and calcium.

FORMULATION AND RECOMMENDATIONS

EDTA-QUEST can be used in many applications and products. It does not sensitize human skin and provides enhanced biocidal/preservative boosting power when compared to commonly used boosters.

It is suitable to be used in personal care and cosmetics products due to the strong chelating ability of calcium and transition metal ions, prolonging the shelf life of many products.

Recommended use concentration

0.05 – 0.1 %

Solubility

Completely soluble in water at all proportions

BENEFITS

- Easy handling
- Enhances performances of cosmetic products
- Binds metal ions
- Enhances foaming and cleaning abilities

APPLICATIONS

Fragrances**Pharmaceuticals****Natural extracts****Cosmetics**

- Skin care
- Baby care
- Hair care
- Sun care
- Makeup
- Toiletries
- Oral care

SHELF LIFE

24 months under proper storage conditions