10800 231st Way NE
Redmond, WA 98053
Phone: 425-292-9502
makingcosmetics.com

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EDTA

Specification Sheet

Description: Chelating agent able to bind metal ions (e.g. sodium, calcium, magnesium, zinc and many more). Widely used in the cosmetic industry for various purposes. Tetrahydrated form.

CAS: 13235-36-4, 64-02-8

INCI Name: Tetrasodium EDTA (Ethylenediaminetetraacetic Acid Tetrasodium Salt)

Composition: Tetrasodium EDTA (Ethylenediaminetetraacetic Acid Tetrasodium Salt)

Appearance: Off-white powder, no odor.

Benefits:

- Co-preservative that enhances efficacy of preservatives and other antibacterial agents.
- Stabilizes emulsions, surfactants and foam-builders.
- Enhances antioxidant effects of natural antioxidants as e.g. vitamin C and E.
- Stabilizes the pH value.

Use: Typical concentration 0.1-0.5% (Note: EDTA increases pH value!). For external use only.

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

Solubility: Water-soluble

Preservation: Preservative-free

Storage: Store in a closed container at a dry place at room temperature.

Country of Origin: China

Raw material source: Ethylenediamine, formaldehyde, and sodium cyanide.

Manufacture: EDTA is manufactured synthetically from ethylenediamine together with formaldehyde, and sodium cyanide yielding the sodium salt which is subsequently converted to an acid.

Animal Testing: Not animal tested.

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GMO: GMO-free (does not contain plant-derived components).

Vegan: Does not contain animal-derived components.

HS Code: 2915290000