

PROTACIDE Na₃ EDTA [tm]

(INCI: Trisodium EDTA)

Chemical Name: Ethylenediaminetetraacetic acid trisodium salt trihydrate
Chemical Formula: EDTA-Na₃H•3H₂O
Molecular Weight: 412.2 (Hydrated)
CAS Number: 150-38-9

Specifications:

Appearance @ 25°C: White Crystalline powder
Assay, %: 98 MIN
Chelation Value (CACV): 240 MIN
pH (10.0% Aq. Soln.): 8.2 – 8.8

PROTACIDE Na₃ EDTA is a chelating agent, commonly used to sequester free-metal ions in finished products to prevent undesired reactions within the formulation.

Adding PROTACIDE Na₃ EDTA to your formulation can improve color and odor stability in leave-on products, cosmetics and nutritional supplements.

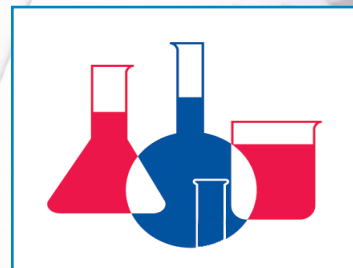
Additionally, PROTACIDE Na₃ EDTA works well in rinse-off products, especially where the presence of hard water is of concern.

Water Solubility: ~ 200 g/L

Sequestering Values:

<u>Metal Ion</u>	<u>pH Range</u>	<u>mg Metal/g Na₃ EDTA</u>
Calcium	5 – 14	95
Copper	2 – 14	155
Ferric	1 – 7	135
Magnesium	6 – 12	60
Manganese	3 – 14	130

Recommended Use Level: 0.1 – 0.3%



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