

Na₂H₂ EDTA Product Information

FCC Kosher

GENERAL INFORMATION

Chemical Name: Disodium dihydrogen
Ethylenediaminetetraacetate dihydrate

CAS: 6381-92-6

Synonym(s): Na₂H₂ EDTA • 2H₂O

Product Description: A white to off-white powder, best suited for applications in products which are neutral to slightly acidic.

PRODUCT FEATURES

This product is used in numerous food and beverage applications, as it binds and renders inactive those trace minerals having an impact on color, flavor, clarity and shelf life.

STORAGE/HANDLING

Store in a clean, cool, dry place. Partially used bags should be tightly closed until future use. No bagged, dry crystalline product should be piled higher than six bags on a pallet.

PHYSICAL/CHEMICAL PROPERTIES

Appearance	White to off-white powder
Active Ingredient (%)	99.0 min as Na ₂ H ₂ EDTA • 2H ₂ O 90.9 wt% as Na ₂ H ₂ EDTA
Calcium Chelation Value	267mg as CaCO ₃ per gram
pH (5% aqueous solution)	4.0 – 5.0
Bulk Density (tamped)	61 lbs per cu ft
Solubility in Water	Approximately 7 wt% at 25°C/77°F
Metal Chelation Capacity	Ca 9.9 Mg 16.3 Fe 7.1 Cu 6.2 Mn 7.2

DIRECTIONS FOR USE, HANDLING, AS WELL AS SAFETY INFORMATION ARE GIVEN ON THE MATERIAL SAFETY DATA SHEETS. READ THEM CAREFULLY.

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