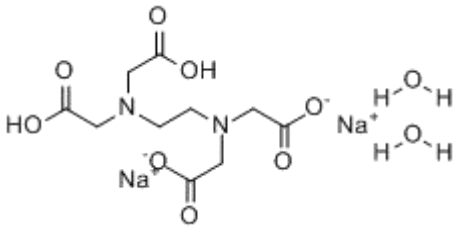
Ethylene Diamine Tetraacetic Acid Disodium Salt (EDTA.Na2)

CAS No.	6381-92-6	**EINECS No.**	613-386-6
Molecular Formula	$C_{10}H_{14}N_2O_8Na_2 \cdot 2H_2O$	**Molecular Weight**	348.05

Structural Formula



Properties & Applications

EDTA.NA_2 is white crystalline powder, soluble in water and hardly soluble in organic solvents. EDTA.NA_2 is excellent chelating agents/complexing agents, mainly used to soften hard water, and can effectively chelate/chelate various metal ions in hard water (mainly calcium, magnesium, iron, lead, copper, manganese, etc.)

Technical Specification

Parameter	Standard
Appearance	White Crystalline Powder
Active content, %	99.0 min
Chloride (as Cl^-), %	0.02 max
Sulfate(SO_4^{2-})	0.05 max
Ferrum, %	0.001 max
Chelating value($mgCaCO_3/g$)	265 min
pH Value	4.0-5.0

Applications & Usage

EDTA.NA2 is used for detergents, dyeing aids, fiber treatment agents, cosmetic additives, food additives, agricultural fertilizers, and marine aquaculture.

Package & Storage

25kg Bag

Stored in the dry and ventilated inside storeroom, prevent direct sunlight, slightly pile and hanlde with care.

Hazard & Safety Precaution

Hazard Information	Satety Precaution
Not Regulated	
Once contacted with eye and skin, flush with plenty of clean water.	

Alternative Name / Synonyms

- Ethylenediaminetetraacetic Acid Disodium Salt
- EDTA Disodium Dihydrate