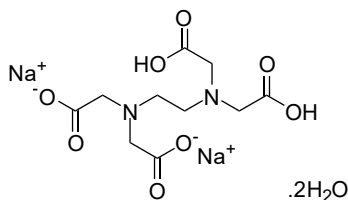


# Dissolvine NA2

Ethylenediaminetetraacetic acid, disodium salt



Ethylenediaminetetraacetic acid (EDTA), disodium salt, dihydrate

CAS number 6381-92-6 (dihydrate)      Molecular weight 372.2

Molecular formula  
EDTA-Na<sub>2</sub>H<sub>2</sub>.2H<sub>2</sub>O

## Specifications

Appearance	Free flowing white crystalline
Assay	≥ 99 %
pH, 1% w/v aqueous solution	4.0-5.0

## Characteristics

Bulk density, tapped	~ 800-1000 kg/m <sup>3</sup>
Bulk density untapped, poured	~ 500-700 kg/m <sup>3</sup>
Solubility in water, 20°C	~ 100 g/l
Solubility in water, 40°C	~ 135 g/l

## Sequestering values (approx.), theoretical

Calcium, pH 5-14	105 mg metal/g
Copper, pH 2-14	170 mg metal/g
Ferric, pH 1-10	150 mg metal/g
Magnesium, pH 6-11	65 mg metal/g
Manganese, pH 3-13	145 mg metal/g
Zinc, pH 2-13	175 mg metal/g

### Notes:

Dissolvine® NA2 is a sequestering agent of high purity forming stable, watersoluble chelates with polyvalent metal ions in a wide pH range.

## Applications

In the detergent industry as stabilizer. In the chemical industry as metal carrier in redox systems. In the cosmetic industry as stabilizer for preparations. In the printing industry to control hardness and as stabilizer.

## Storage

Store in original packing at a dry place. Opened bags must be closed again properly. It is advised to re-test the material after three years of storage

## Packaging and transport

For information on possible packing types and sizes, please contact your nearest Nouryon representative.

## Environmental aspects

Inherently biodegradable. Rapid biodegradation can be obtained under slightly alkaline conditions.

Chemical Oxygen Demand (mg/g)	~ 630
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## Additional information

For transport, handling and first aid instructions please refer to the Safety Data Sheet, which is available on request. For samples, technical service and further information, please contact your nearest Nouryon representative.

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The logo for Nouryon, featuring a stylized blue 'N' followed by the word 'ouryon' in a blue sans-serif font.