

Technical Information

Edeta® BD

PRD 30035110

Valid since 16.05.2017
Revision 3.0
WF-No. 11465
Page 1 of 4

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Care Chemicals**Organic chelating agent for cosmetic formulations****INCI name(s)**

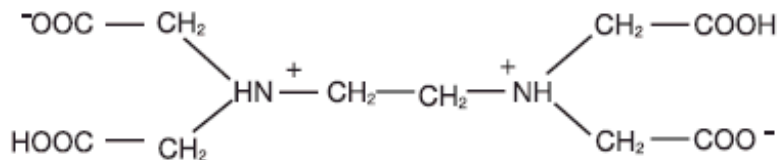
Disodium EDTA

Chemical description

Ethylenediaminetetraacetic acid, di-sodium salt

Physical form:

White powder, practically odorless

Structural Formula

CASR-No.
139-33-3

Ingredient
Ethylenediaminetetraacetic acid, di-sodium salt

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Page	2 of 4

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Care Chemicals**Characteristic values**

The specifications stated in the paragraphs 'Quality control data' and 'Additional product descriptive data' finally and conclusively describe the properties of the product.

Quality control data

(Data which is used for quality release and is certified for each batch.)

Test property	Specification
Concentration calculated as EDTA-H ₂ Na ₂ (MM 336 g/mol)	min. 89.0 %
Concentration calculated as EDTA-H ₂ Na ₂ *2 H ₂ O (MM 372 g/mol)	min. 99.0 %
Bulk density	800 - 1100 g/l
pH value 23 °C (1 % in water)	4.0 - 5.0

Specific methods used for batch release see Certificate of Analysis.

Additional product descriptive data

(Data which is proven statistically but not determined regularly.)

Test property	Specification
NTA content	max. 0.1 %

Specific methods used for batch release see Certificate of Analysis.



We create chemistry

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Page 3 of 4

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Care Chemicals

Storage information

Shelf life

36 months

Storage temperature

Between + 15 °C and + 25 °C.

Storage conditions

In original sealed containers and protected from moisture

Additional information

Store in a cool place.

Stabilising additives / Auxiliaries

Preservatives

not present

Antioxidants

not present

Solvents

not present

Others

not present

General information

Raw material basis

Synthetic: (mineral oil / natural gas)
Inorganic



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Page 4 of 4

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Care Chemicals

Composition hints for finished product label

INCI Components

INCI Name (US/EU/CN)

Disodium EDTA

Content

Complete *

* Complete means conclusively describes the substance

Product properties

Solubility

Water: yes

Miscellaneous information

Application

The Edeta® B grades are aminocarboxylic acids with six functional groups whose characteristic reactions enable them to form complexes. They sequester undesirable metal ions in cosmetic preparations, preventing precipitation on the salts responsible for water hardness and protecting against rancidity and color changes caused by heavy metal ions.

Intended for use as cosmetic ingredient

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Care
Creations™