



De Hekserij

De Hekserij
Spoorstraat 57
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The Netherlands

10390 - Disodium EDTA

1Doc: All available data that is not in the SDS and that is not batch specific.
Version 1 | 2025-07-23

Identity

Product : Disodium EDTA [Dinatrium EDTA]
Code : 10390
INCI name : DISODIUM EDTA
EC number : 205-358-3
CAS number EU : 139-33-3
CAS number TSCA : 139-33-3

Customs information

HS code : 2922 4985
Country of origin : Germany

Identity check

Appearance at RT : Powder
Colour : White
Odour : Almost odourless

Additives

Preservatives : None
Antioxidants : None
Chelators : Disodium EDTA 100%
Buffering agents : None
Solvents : None

Impurities

Heavy metals : < 10 ppm
Formaldehyde : 10 ppm
Nitrilotriacetic Acid : < 1000 ppm

Production / origin

EDTA is produced by reaction of formaldehyde and hydrogen cyanide to an aqueous solution of EDTA. The salts, or edetates, are then formed by hydrolysis. Disodium EDTA is produced by dissolving EDTA into a hot solution that contained two equivalents of sodium hydroxide followed by the crystalization process.

Composition

DISODIUM EDTA : 100 %

Physiochemical specification

Solubility in water	: Soluble
Solubility in ethanol	: Insoluble
Log Pow	: -4.3

Use and storage

The product has to be stored in original sealed container and protected from moisture at temperature 15° - 35°C.

Suitable in cosmetics, cleaning products and fragranced products.

We do not sell products for use in oral care products, food, feed, tobacco, e-smoking or pharmaceuticals.

Keep dark and dry in a closed container. Hazardous (REACH/CLP), SDS available on request.

Sales specification

Purity	: $\geq 89\%$ ($\geq 99\%$ when calculated as Disodium EDTA x H ₂ O)
Water content	: $\leq 2\%$
pH 1% solution in water	: 4 - 5 (@ 20 °C)

Note: sales specification means typical values at time of analysis. Values are not guaranteed. Values can be different in certain batches and change after analysis.

Allergens, EU Cosmetics Regulation

The substances suspected to be allergenic and listed in Annex III of EC 1223/2009 and Commission Regulation (EU) 2023/1545 are below detection limit.

This material is not listed in any annex of the cosmetics regulation EC 1223/2009

IFRA QRE

Not relevant

IFRA - Limitations

This product does not contain substances that are listed in the IFRA standards (51th Amendment).

Natural

This product does not contain animal derived products, and can therefore be considered vegan.

Natural Index (acc. to ISO 16128)	NI= 0
Natural Origin Index (acc. to ISO 16128)	NOI= 0
Organic Index (acc. to ISO 16128)	OI= 0

Animal testing

This raw material has not been tested on animals for cosmetic purposes after the date 11/03/2009.

This raw material is in compliance with article 18 EC 1223/2009.

Disclaimer

All information in this document is to our best knowledge at the time of preparation, provided in good faith and believed to be accurate. It still may contain errors and may be incomplete.