



De Hekserij

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Sporstraat 57
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The Netherlands

29572 - Triethyl citrate (TEC) (nat)

1Doc: All available data that is not in the SDS and that is not batch specific.
Version 2 | 2025-12-17

Identity

Product : Triethyl citrate (TEC) (nat) [Triethylcitraat (TEC) (nat)]
Code : 29572
INCI name : TRIETHYL CITRATE
EC number : 201-070-7
CAS number EU : 77-93-0
CAS number TSCA : 77-93-0
FEMA number : 3083

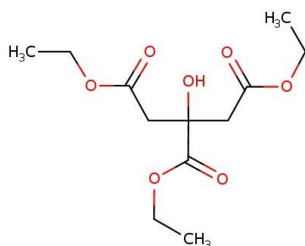
Customs information

HS code : 2918 1500
Country of origin : Batch specific

Identity check

Appearance at RT : Liquid
Colour : Colourless
Odour : Almost odourless
Refractive index (20°C) : 1,441 - 1,443
Specific gravity (20°C) : 1,138 - 1,142

Chemical formulation



Additives

Preservatives : None
Antioxidants : None
Chelators : None
Buffering agents : None
Solvents : None

Impurities

Does not contain more than the permitted amount of HEAVY METALS.

Production / origin

Esterification of ethanol and citric acid.

Composition

Triethyl citrate : 100 %

Physiochemical specification

Solubility in water : 6,5 g/l
Log Pow : 0,71
Vapour pressure : 0,25 Pa
Melting point : -40 °C
Boiling point : 286,8 °C

Use and storage

Suitable in fragrance compositions for cosmetics, cleaning products and other fragranced products. Active in cosmetics.
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. Not hazardous (REACH/CLP).

Sales specification

Purity : > 99 %
Water content : < 0,25 %

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 required.
(calculated for the finished product):

IFRA Class	Maximum use level
1 Products applied to the lips.	: 0,0 %
2 Products applied to the axillae.	: 100 %
3 Products applied to the face/body using fingertips.	: 100 %
4 Products related to fine fragrances.	: 100 %
5A Products applied to the body using the hands (palms), primarily leave-on (Body lotion).	: 100 %
5B Products applied to the face using the hands (palms), primarily leave-on (Face moisturizer).	: 100 %
5C Products applied to the hands using the hands (palms), primarily leave-on (Hand cream).	: 100 %

5D	Products applied to babies using the hands (palms), primarily leave-on (Baby cream, oil, talc).	: 100 %
6	Products with oral and lip exposure.	: 0,0 %
7A	Rinse-off products applied to the hair with some hand contact.	: 100 %
7B	Leave-on products applied to the hair with some hand contact.	: 100 %
8	Products with significant anogenital exposure (tampon).	: 100 %
9	Products with body and hand exposure, primarily rinse off.	: 100 %
10A	Household products.	: 100 %
10B	Household care products with mostly hand contact (household aerosol/spray products).	: 100 %
11A	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate without UV exposure.	: 100 %
11B	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate with potential UV exposure.	: 100 %
12	Other air care products not intended for direct skin contact, minimal or insignificant transfer to skin.	: 100 %

Please note that we advise using lower amounts of this material in specific cases. This can be based on the fact that certain applications should only contain a small amount of fragrance anyway, independent of the risks of the material itself.

IFRA - Limitations

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

Natural

This product is not a natural aromatic raw material according to ISO 9235. The material is synthetic.

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= 1

Organic Index (acc. to ISO 16128) OI= 0

Animal testing

This raw material is in compliance with article 18 of the Cosmetics regulation (EC) No 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.