



Product Data Sheet

HYDAGEN® C.A.T.

General characterisation

Chemical description

Triethyl Citrate

Labeling information

INCI name(s)

Triethyl Citrate

Registrations

| Ingredient | CASR-No. | EINECS/ELINCS-No. |
|------------------|----------|-------------------|
| Triethyl Citrate | 77-93-0 | 2010707 |

Officially listed in / Quality conforms to

JCIC: Triethyl Citrate
(Ingredient Code 108905)

Product properties

Appearance

HYDAGEN® C.A.T. is an almost colourless, oily, practically odourless liquid.

Example of use

The product is used as a non-microbicidal deodorant active substance. The action principle is based on a pH value dependent reversible inhibition of the enzymatical degradation of sweet ingredients, epidermal residues and skin surface fat, so that bad-smelling degradation products cannot develop. Formulations which contain HYDAGEN® C.A.T. should be adjusted to a pH value of 4 to 5. HYDAGEN® C.A.T. is not suitable for the application in alkaline formulations, e.g. soaps and alkaline deodorant sticks. The application concentration is 1-5 % on average.

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.)

Appearance conforms to standard

| | | |
|--------------------------|---------------------------------|---------------|
| Odor | conforms to standard | |
| Content | min. 99 % triethyl citrate | NF 19 |
| Free acid | max. 0.02 % | NF 19 |
| Density (25° C) | 1.135 - 1.139 g/cm ³ | NF 19 |
| Refractive index (25° C) | 1.439 - 1.441 | NF 19 |
| Water content | max. 0.25 % | DGF C-III 13a |

Additional product descriptive data

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

Storage and transportation

In original sealed containers and at temperatures below 30°C in a dry environment, HYDAGEN® C.A.T. remains stable for at least one year.

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Cognis does not guarantee the suitability of a product for a user-specific purpose.

