

Technical Data Sheet

Product name: Citraton

INCI: Triethyl Citrate

Cas No. 77-93-0

EINECS: 201-070-7

| Technical Data Specification | |
|---------------------------------------|---------------|
| Assay (GC) * | 99.0% min. |
| Acidity (as Citric Acid) * | 0.02% max. |
| Colour (APHA / Hazen / Pt-Co / PCU) * | 50 max. |
| Water content * | 0.25% max. |
| Specific gravity (at 25 ° C) * | 1.135 – 1.139 |
| Refractive Index (at 25°C) * | 1.439 – 1.441 |
| Molecular weight * | 276.3 |
| Flash Point * | 150 °C |
| Pour point * | -45 °C |
| Viscosity (at 25° C) * | 35 mPa.s |
| Solubility in water | 6,5% |
| Saponification value | 610 mgKOH/g |

*Only with stern marked data " * " represents specification. The other data serve only as information.*

Description:

Citric acid ester prevents the enzymatic decomposition of sweat components and thereby reduces unpleasant body odor. Citrate is therefore an important component of many deodorants and antiperspirants.

Citrate is a good solvent for organic UV filters and allows the use of high levels of sunscreen. Citrate is a good solvent for perfume raw materials and also acts as a fixative for perfumes. Citraton is well tolerated by many polymers and is suitable as a softener for hair spray resins, even in low VOC sprays.

Usage: for Personal Care and Health care

- | | | |
|--------------|--------------------|------------------------|
| - Face care | - Deodorants | - Hairtreatments |
| - Boday care | - Colour Cosmetics | - Medical devices |
| - Sun care | - Fragrances | - OTC-Food supplements |

Packing:

225 kg drum or 1000 kg IBC

Shelf life:

2 year