

TECHNICAL DATA SHEET

Elix-ACT TEC

INCI Triethyl Citrate

CAS 77-93-0



SPECIFICATIONS

Appearance	Clear oily liquid
Purity (%)	99 min.
Color (APHA)	50 max.
Specific gravity (g/ml at 25°C)	1.135 – 1.139
Refractive index (at 25°C)	1.439 – 1.441
Acidity (as % citric acid)	0.02 max.
Moisture (%)	0.25 max.

GENERAL INFORMATION

Elix-ACT TEC is an ester, based on naturally sourced citric acid and ethanol. It is an ideal addition in deodorant formulations and is an alternative to astringent actives, like aluminum salts. This active ingredient does not affect the natural skin flora. It inhibits the lipase based metabolism of sweat components which cause malodor. The colorless and odorless, lipophilic liquid made from natural resources is easy to use and an ideal addition in deodorant formulations.

- A pure solvent, diluent, and fixative for perfumes
- An excellent active agent for deodorants (inhibits enzymatic decomposition of components of sweat)
- Assists in dispersion of insoluble UV filters, useful in sunscreen/UV protection products.

- The preferred film-strengthening agent in high-grade hairspray and nail polish

BENEFITS

- 100% plant-derived and palm-free
- Deodorizing
- Antiperspirant
- Antimicrobial properties
- Antioxidant
- Moisturizing
- Good toxicological profile

APPLICATIONS

Fragrances

Cosmetics

- Anti-perspirant
- Hair care
- Nail care
- Toiletries
- Skin care

SHELF LIFE

24 months under proper storage conditions

REGULATORY

ECOCERT / COSMOS	Approved
NATRUE	Approved
Natural Origin Index (according to ISO 16128)	1