

Technical Data Sheet			
Product Name	Triethyl Citrate (TEC)		
CAS No. 77-93-0	E No. E 1505	EINECS 201-070-7	FEMA 3083
Description	<ul style="list-style-type: none"> • A pure solvent, diluent, and fixative for long-lasting perfumes • An excellent active agent for deodorants (inhibits enzymatic decomposition of components of sweat) • Helps in the better dispersal of insoluble organic UV filters (used in modern-day sun creams) • The preferred film-strengthening agent in high-grade hair sprays and nail polish • Contributes as a plasticiser to the performance of enteric-coated tablets 		
Typical Properties	Assay (GC)	99.0% min.	
	Acidity (as Citric Acid)	0.02% max.	
	Colour (APHA / Hazen / Pt-Co / PCU)	50 max.	
	Water Content (w/w)	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	-45.5 °C	
	Viscosity (at 25 °C)	35 mPa. s	
Applications	Personal Care and Health Care <ul style="list-style-type: none"> • Face Care • Deodorants • Hair Treatments • Body Care • Colour Cosmetics • Medical Devices • Sun Care • Fragrances • OTC. Food Supplements 	Foods & Beverages, Feeds and Pet Foods <ul style="list-style-type: none"> • Flavours • Energy Drinks • Carbonated Soft Drinks • Feeds and Pet Foods 	Industrial Applications, Cleaners & Detergents <ul style="list-style-type: none"> • Adhesives, Sealants • Fine Chemicals • Inks, Paints, and Coatings • Paper • Plastics, Polymers • Surface Care • Metal Surface Treatments
Packaging and Shelf Life	TEC is supplied in 225 kg drums and 1000 kg IBC. TEC can be stored for at least 2 years in original closed container in a cool and dry place.		
<i>This sheet is only a ready reference. Please contact us for any further information. Always test all material before use.</i>			