

Technical Data Sheet		
Product Name	Acetyl Triethyl Citrate (ATEC)	
CAS No. 77-89-4	EINECS 201-066-5	
Description	<ul style="list-style-type: none"> • A versatile citric acid ester • Pharmacologically safe for use in popular products serving the medical, pharmaceutical, food, and other contact-based sectors • In pharmaceutical applications, it contributes as a plasticiser to the performance of enteric-coated tablets • Besides good plasticising, it also provides excellent lightfastness for personal care applications like nail lacquer 	
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)	0.30% max.
	Specific Gravity (at 25 °C)	1.135 - 1.139
	Refractive Index (at 25°C)	1.432 - 1.441
	Molecular Weight	318.3
	Flash	190 °C
	Pour Point	-42 °C
	Viscosity (at 25 °C)	54 mPa. s
Applications	Personal Care and Health Care <ul style="list-style-type: none"> • Hair Treatments • Colour Cosmetics • Nail Polish • Fragrances • Pharmaceutical Products 	Industrial Applications, Cleaners & Detergents <ul style="list-style-type: none"> • Adhesives, Sealants • Dish Washing • Laundry Care • Metal Surface Treatments • Plastics, Polymers • Industrial Cleaners • Surface Care • Inks, Paints, and Coatings
	Packaging and Shelf Life	ATEC is supplied in 225 kg drums and 1000 kg IBC. ATEC 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>		