

Technical Data Sheet

Product Name	Tributyl Citrate (TBC)	
CAS No. 77-89-4	EINECS 201-066-5	
Description	<ul style="list-style-type: none"> • An excellent replacement for phthalates and adipates as it has a matching plasticiser performance • Commonly used in cosmetics, food contact films, and articles of plastic, and it is a fast-fusing plasticiser for technical applications • Has excellent compatibility with PVC, making it a well-suited and recommended plasticiser for artificial leathers, textile coatings, floorings, and many other common commercial and industrial applications 	
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 Point	190 °C
	Pour Point	-42 °C
	Viscosity (at 25 °C)	54 mPa. s
Applications	Personal Care and Health Care	Industrial Applications, Cleaners & Detergents
	<ul style="list-style-type: none"> • Colour Cosmetics • Fragrances • Nail Polish • Hair Treatments • Pharmaceutical Products 	<ul style="list-style-type: none"> • Adhesives, Sealants • Dish Washing • Inks, Paints, and Coatings • Paper • Plastics, Polymers • Surface Care • Metal Surface Treatments • Laundry Care
Packaging and Shelf Life	TBC is supplied in 225 kg drums and 1000 kg IBC. TBC can be stored for at least 2 years in original closed container in a cool and dry place.	

This sheet is only a ready reference. Please contact us for any further information. Always test all material before use.