

## Technical Data Sheet

<b>Product Name</b>	Triethyl Citrate (TEC)																										
<b>CAS No.</b> 77-93-0	<b>E No.</b> E 1505	<b>EINECS</b> 201-070-7	<b>FEMA</b> 3083																								
<b>Description</b>	<ul style="list-style-type: none"> <li>A pure solvent, diluent, and fixative for long-lasting perfumes</li> <li>An excellent active agent for deodorants (inhibits enzymatic decomposition of components of sweat)</li> <li>Helps in the better dispersal of insoluble organic UV filters.</li> <li>The preferred film-strengthening agent in high-grade hair sprays and nail polish</li> <li>Contributes as a plasticiser to the performance of enteric-coated tablets</li> </ul>																										
<b>Typical Properties</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Assay (GC)</td> <td style="width: 40%;">99.0% min.</td> </tr> <tr> <td>Appearance</td> <td>Clear oily liquid</td> </tr> <tr> <td>Acidity (as Citric Acid)</td> <td>0.02% max.</td> </tr> <tr> <td>Colour (APHA / Hazen / Pt-Co / PCU)</td> <td>50 max.</td> </tr> <tr> <td>Odor</td> <td>Odorless</td> </tr> <tr> <td>Water Content (w/w)</td> <td>0.25% max.</td> </tr> <tr> <td>Specific Gravity (at 25 °C)</td> <td>1.135 - 1.139</td> </tr> <tr> <td>Refractive Index (at 20°C)</td> <td>1.439 - 1.445</td> </tr> <tr> <td>Molecular Weight</td> <td>276.3</td> </tr> <tr> <td>Flash Point</td> <td>155 °C</td> </tr> <tr> <td>Pour Point</td> <td>-45.5 °C</td> </tr> <tr> <td>Viscosity (at 25 °C)</td> <td>35 mPa. s</td> </tr> </table>			Assay (GC)	99.0% min.	Appearance	Clear oily liquid	Acidity (as Citric Acid)	0.02% max.	Colour (APHA / Hazen / Pt-Co / PCU)	50 max.	Odor	Odorless	Water Content (w/w)	0.25% max.	Specific Gravity (at 25 °C)	1.135 - 1.139	Refractive Index (at 20°C)	1.439 - 1.445	Molecular Weight	276.3	Flash Point	155 °C	Pour Point	-45.5 °C	Viscosity (at 25 °C)	35 mPa. s
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<b>Packaging and Shelf Life</b>	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.																										

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