

# CITROFLEX® A-4

## Technical Data Sheet



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<b>Product Identification</b>	<b>Chemical Name</b>	<b>Acetyltri-n-butyl Citrate</b>
	<b>Chemical Abstracts Registry No.</b>	<b>77-90-7</b>
	<b>Molecular Formula</b>	<b>C20H34O8</b>
	<b>Molecular Weight</b>	<b>402.5</b>

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<b>Product Specifications</b>	<b>Property</b>	<b>Value</b>
	<b>Ester Content, %</b>	<b>99.0 minimum</b>
	<b>Acidity, % (as citric acid)</b>	<b>0.02 maximum</b>
	<b>Color, APHA</b>	<b>30 maximum</b>

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<b>Typical Properties</b>	<b>Property</b>	<b>Value</b>
	<b>Appearance</b>	<b>Clear, Oily Liquid</b>
	<b>Odor</b>	<b>Essentially Odorless</b>
	<b>Flash Point, C.O.C., °F</b>	<b>400</b>
	<b>Boiling Point, °C</b>	<b>327</b>
	<b>Melting Point, °C</b>	<b>-59 (pour point)</b>
	<b>Viscosity @ 25°C, cps</b>	<b>33</b>
	<b>Solubility @ 25°C</b>	<b>33</b>
	<b>Toluene</b>	<b>∞</b>
<b>Heptane</b>	<b>∞</b>	
<b>Vapor Density</b>	<b>14.1</b>	

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"One or more of U.S. Patent Nos. 4,870,204; 4,931,583; 4,954,649 and 5,055,609 apply to this product or to the process for making this product."

For toxicity or regulatory information please consult the Material Safety Data Sheet.

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