

CITROFLEX® 4

Technical Data Sheet



Product Identification	Chemical Name	Tri-n-butyl Citrate
	Chemical Abstracts Registry No.	77-94-1
	Molecular Formula	C ₁₈ H ₃₂ O ₇
	Molecular Weight	360.4
Specifications	Property	Specification
	Ester Content, %	99.0 minimum
	Neutralization Number (mg KOH/g)	0.2 maximum
	Color, APHA	50 maximum
	Water, %	0.3 maximum
	Specific Gravity @ 25/25°C	1.037 – 1.045
	Refractive Index @ 25°C/D	1.443 -1.445
Physical Properties	Property	Value
	Appearance	Clear, Oily Liquid
	Odor	Essentially Odorless
	Flash Point, C.O.C., °F	365
	Boiling Point, °C	325
	Melting Point, °C	-62 (pour point)
	Viscosity @ 25°C, cps	32
	Solubility Information @ 25°C	
	Water	< 0.1%
	Toluene	∞
	Heptane	∞
Vapor Pressure	1 mm Hg @ 170° C	
Vapor Density	12.4 (Air = 1)	

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

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