



Butyl Oxitol **2-Butoxyethanol**

Catalog Nr. Q221

Definition Butyl OXITOL is a colourless, mild smelling liquid with a high boiling point. It is slightly hygroscopic and miscible with water at room temperature. At higher temperatures a miscibility gap with water occurs in the system. Butyl OXITOL is also miscible with numerous oxygenated solvents, as well as with aliphatic and aromatic hydrocarbons and oils; it has outstanding solvent power for many nature and synthetic resins, nitrocellulose and ethyl cellulose. Butyl OXITOL forms binary azeotropic mixtures with water and a range of organic substances.

CAS Number 111-76-2

Application Butyl OXITOL is widely used in the surface coating industry as a solvent, a viscosity improver for alkyd resin systems, a property regulator and a coalescer and flow improver in water based paints. It is also applied in printing inks, hydraulic fluids, household and industrial cleaners, cosmetics, agricultural formulations and cutting oils.
It is also a starting material for chemical synthesis.

Technical Data	Property	Unit	Test method	Value
	Flash point (PMCC)	°C A	STM D93	67
	Refractive index		ASTM D1218	1.420
	Vapour pressure at 20 °C	kPa		0.08
	Vapour pressure at 50 °C	kPa		0.61
	Antoine constant A ₍₁₎			6.95668
	Antoine constant B			1920.77
	Antoine constant C			217.774
	Temperature limits for the	°C		+30 to +170
	Molecular weight			118
	Butyl is completely miscible with water at 20 °C			
	Azeotrope with water.			
	Boiling point			98.8 °C
	Butyl OXITOL content			20.8 %m/m

Packaging & Handling 410 Lbs drums

UN Number 2810 Class 6.1 Packaging Group III

Remarks

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