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Product Identification

Chemical name:	3-Methyl-1,5-Pentanediol
Brand name:	Pentonext
EC number:	224-709-1
CAS number:	4457-71-0
Molecular formula:	C ₆ H ₁₄ O ₂

Physical and chemical properties

Molecular weight:	g/mol		118
Appearance:	at room temperature		Liquid
Melting point:	°C		< -50
Viscosity @ 20°C:	mPa.s	ISO3219-2 :2021	170
Viscosity @ 40°C:	mPa.s	ISO3219-2 :2021	90
Density @ 15°C	kg/L	ASTM D4052	0.9761
¹⁴ C content	% (m/m)	ASTM D6866 (proc. B)	> 97
Purity	% (area)	GC-FID	99

Application:	Bio-based diol for synthesis of Polyols, Lubricants, Cosmetics, Resins for coatings, inks
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