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## TECHNICAL DATA SHEET

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### LAO C14 (1-TETRADECENE)

#### PRESENTATION:

Linear Alpha Olefins (LAO) are olefins (alkenes) with the formula  $C_xH_{2x}$ , unlike other linear olefins with the same formula the LAO's have their double bond position at the primary carbon or alpha position. LAO C14 is  $C_{14}H_{28}$  with the chemical name 1-Tetradecene.

#### APPLICATIONS:

LAO C14 is used in synthetic lubricants, surfactants, detergents, viscosity adjustors, personal care products, intermediates and paper sizing.

#### TYPICAL PROPERTIES:

PROPERTY	UNIT	TYPICAL	TEST METHOD
Appearance		Clear & Bright	Visual
Density at 15 °C	g/cm <sup>3</sup>	0.776	ASTM D 4052*
Carbon number C14	% wt	98.9	GC*
Paraffin content	% wt	0.2	GC*
Color Saybolt		+ 30	ASTM D 156*
Water	mg/kg	30	ASTM D 1364*
Freezing Point	°C	- 12	ASTM D 1015*

\*or equivalent method

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