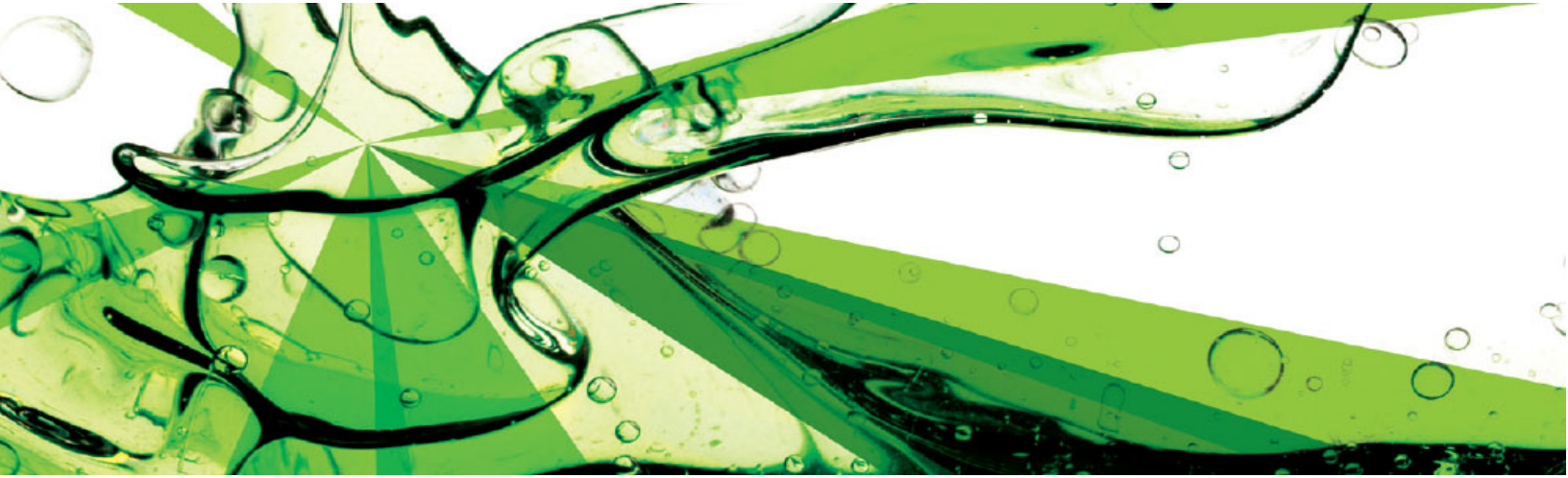


Renewably-Sourced High-Performance Olefins



Novvi® C16 LAO is produced from plant oils which are converted to pure hydrocarbon olefins, containing none of the impurities found in conventional olefins derived from crude petroleum or natural gas processes. Novvi® C16 LAO is designed to be applicable for all reactions typical of synthetic, non-renewable alpha olefins. It can be used in the production of amines and amine oxides, oxo alcohols, alkylated aromatics, alpha olefin sulfonates, alkyl succinic anhydrides, drilling fluids, and epoxides. Novvi® C16 LAO leads the market in key environmental metrics including biodegradability, toxicity, and renewability to enable a chemical platform to perform with reduced environmental impact.

FEATURES	BENEFITS
Sustainability	100% renewable with a negative carbon footprint
Purity	Narrow molecular weight for specialty chemical applications
High Linearity	Linear structure to provide consistent final product properties
Biodegradable	Reduces potential for environmental damage caused by spills or leakage

NOVVI® C16 LAO

Renewably-Sourced High-Performance Olefins

TYPICAL PROPERTIES

Properties	Method	Novvi® C16 LAO
Structural Characteristics:		
• Carbon Number (wt% C16)	GC	> 99%
• n-Alpha Olefin (wt%)	GC	> 85%
• Vinylidene Olefins (wt%)	GC	< 0.5%
• Branched Olefins (wt%)	GC	< 0.5%
Paraffin (wt%)	GC	< 0.2%
Color	ASTM D156	> +25
Specific Gravity (15.6°C)	ASTM D 287	0.78
Water (ppm)	ASTM D6304	< 100
Pour Point (°C)	ASTM D97	< 9
Flash Point, TCC (°C)	ASTM D56	120
Freezing Point (°C)	ASTM D1015	< -10
Appearance	ASTM D4176	Clear and Bright
Biobased Carbon Content	ASTM D6866	100%

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.

Document No.: HH-ENE-7002
Published 9/12/2024
Version: 2.0



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