



# Chevron Renewable Energy Group Methyl Esters

Your reliable source for high-quality methyl esters.

Renewable Energy Group began producing methyl esters in 1995 with its first biorefinery in Ralston, Iowa. Today, Chevron Renewable Energy Group is one of the leading methyl ester producers in the United States. Our nationwide production and logistics network, plus some of the most advanced quality control measures in the industry, ensures you'll receive excellent quality.

## Performance Benefits

- + Non-hazardous handling and storage due to a high Flash Point of >93°C
- + Distillation which can remove minor components, provide superior cold weather performance, outstanding purity and helps enable the use of lower carbon-intensity feedstocks
- + The FDA does not list methyl ester as an ozone-depleting chemical (ODC), hazardous air pollutant or volatile organic compound (VOC)
- + Biodegradable



## Methyl Esters Can Improve Adjuvants and Surfactants By:

- + Improving contact of spray droplets on plant surfaces
- + Penetrating more effectively through waxy surfaces
- + Helping to increase crop yields while lowering input costs
- + Enhancing biodegradability of product



## Nature's Solvents

- + Powerful, high-performance solvent with a Kauri-Butanol (KB) value of at least 58
- + Can replace or be mixed with most petrochemical-based solvents
- + Very low vapor pressure



**Chevron Renewable Energy Group offers some of the most advanced methyl ester options in the industry with production facilities running various feedstock.**






PARAMETER	UNITS	CHEVRON RENEWABLE ENERGY GROUP METHYL ESTERS
Cloud (Haze) Point	°C	-3 to 10
Gardner Color	N/A	<3
Iodine Value	N/A	40 to 130
Saponification Value	mg KOH/g oil	185 to 200
Acid Number	mg KOH/g	< .8
Moisture Content	%mass	< .1
Specific Gravity	N/A	0.87 to 0.90
< C16	%mass	< 5
C16	%mass	5 to 25
C18	%mass	30 to 90
>C18	%mass	< 5
Polyunsaturated Fatty Acids	%mass	25 to 75
Flash Point	°C	> 93

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### For more information

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