



Chevron Renewable Energy Group

Methyl Esters

Your reliable source for high-quality methyl esters.

Chevron 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, ensure you'll receive excellent quality and quantity.

Performance Benefits

- + Better handling and storage thanks to a high Flash Point of >93
- + Biodegradable
- + Low toxicity
- + The FDA does not list methyl ester as an ozone-depleting chemical (ODC), hazardous air pollutant or volatile organic compound (VOC)



Methyl Esters Can Improve Adjuvants and Surfactants By:

- + Improving contact of spray droplets on plant surfaces
- + Penetrating more effectively through waxy surfaces
- + Increasing 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
- + Lower evaporation rate



Chevron Renewable Energy Group offers some of the most advanced mix of methyl ester options in the industry with production facilities running various feedstock from vegetable based to tallow based along with distilled or undistilled mixed methyl esters.






PARAMETER	UNITS	CHEVRON RENEWABLE ENERGY GROUP METHYL ESTERS
Cloud (Haze) Point	°C	-3 to 15
Gardner Color	N/A	2 to 12
Iodine Value	N/A	40 to 140
Saponification Value	mg KOH/g oil	185 to 200
Acid Number	mg KOH/g	0.8
Moisture Content	%mass	0.1
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 Acid	%mass	25 to 75
Flash Point	°C	> 93

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