



# LUCAS OIL PRODUCTS, INC. PRODUCT DATA SHEET

## SAFEGUARD® ETHANOL FUEL CONDITIONER & STABILIZER



Lucas Oil Safeguard® Ethanol Fuel Conditioner and Stabilizer is formulated with the latest fuel detergent additive technology to combat the harmful effects of ethanol in your fuel system. It contains powerful antioxidants, corrosion inhibitors, and water dispersants to ensure your engine stays in top condition all year round. Whether it's a boat, RV, motorcycle, or your everyday driver, Lucas Oil Safeguard® Ethanol Fuel Conditioner and Stabilizer helps maintain fuel system health by cleaning injectors, valve seats, and the combustion chamber from deposits, gums, and varnishes formed during combustion. It also helps to protect your engine oil from forming emulsions with fuel and products of combustion which may enter your oil sump.

Lucas Oil Safeguard® Ethanol Fuel Conditioner and Stabilizer is suitable for use in all ethanol blends, including E-10, E-15, E-85 ("Flex Fuel"), E-100, pure alcohol, and including even straight gasoline. It is completely soluble, and will not clog filters, or harm emissions aftertreatment equipment. Methanol fueled racers or hobby engines will also benefit from treatment.

Lucas Oil Safeguard® Ethanol Fuel Conditioner and Stabilizer treats up to 80 gallons (302.8 liters) of ethanol fuel. One ounce treats five gallons of ethanol fuel. Recommended for use in all applications where ethanol blended fuels are used, particularly in automobiles and marine applications. Our new 5.25 oz bottle treats up to 25 gallons (94.6 liters) of fuel.

### PART NUMBER AND SIZE:

10576 - 16 Ounce (Case of 12)

10670 - 5.25 Ounce (Case of 24)

10929 - 2 Ounce (Case of 18)

### FEATURES AND BENEFITS:

- Cleans injectors, valve seats, combustion chambers and other critical fuel components.
- Stabilizes fuel and prevents varnish & gum formation in ethanol and gasoline.
- Combats deposits and protects engine oil lubricants from the harmful effects of alcohol combustion.

### MAIN APPLICATIONS:

Safeguard™ treats up to 80 gallons(302.8) of ethanol fuel. One ounce treats five gallons of ethanol fuel. Recommended for use in all applications where ethanol fuel blends are used, particularly in automobile, marine applications, or stationary generator applications.



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## TYPICAL PHYSICAL CHARACTERISTICS:

PROPERTIES	ASTM	TYPICAL
API Gravity	D4052	41.0
Specific Gravity @ 60°F	D4052	0.820
Density @ 60°F, Lbs/US Gal	D4052	7.034
Viscosity @ 40°C cSt	D445	2.9
Flash Point, PMCC, °F	D93	158
Color		Green

These characteristics are typical of current production. However, slight variations in these characteristics may occur.

## LINKS AND ADDITIONAL INFORMATION:

For additional product or health and safety information, including product Safety Data Sheets, visit [LucasOil.com](https://www.LucasOil.com)