



## Technical Information

September 2023

### Product Overview

ProActive® by Fuel Right® is a unique blend of powerful proprietary chemistries intended for use in middle distillate fuels (primarily diesel) in marine, automotive and agricultural applications. It is designed to clean your fuel system from the tank to filters and strainers to injectors. ProActive® begins by removing sludge and contamination from your fuel system allowing suspended particulate to fall to the bottom of the fuel tank. ProActive® leaves behind a microscopic corrosion barrier film that protects the tank and fuel components from corrosion even in the presence of water and contamination.

A cleaner tank results in cleaner fuels and longer lasting filters reducing maintenance of purifiers and fuel filter systems. With clean fuel delivered to your injectors, you can expect a smoother running fuel system with longer service life. ProActive® also includes enhanced lubricity to help lubricate injectors and fuel pumps while improving combustion to reduce emissions and provide better fuel economy and better engine performance.

ProActive® is used in premium diesel fuel programs which provides cleaner fuels to the marine, trucking and agricultural communities internationally. Fuel Right® is EPA registered and is available internationally through a number of authorized dealers.

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### Features & Benefits

- ☑ *Dissolves, Disperses & Prevents Sludge Contamination*
- ☑ *Breaks down particulates enhancing fuel cleanliness*
- ☑ *Cleans Tanks, Fuel Lines, Filters and Strainers*
- ☑ *Cleans Injectors & Reduces Exhaust Emissions*
- ☑ *Enhances Fuel Lubricity and Long-Term Storage Stability*
- ☑ *Provides a Microscopic Corrosion Barrier Film*
- ☑ *Warranty Safe for All Diesel Engines*

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### Properties

#### Appearance

Amber liquid

#### Odor

Hydrocarbon / fish oil / ammonia

#### Physical Data

Relative Density	.907 kg/m <sup>3</sup> @ 40°C (104°F)
Viscosity (kinematic)	21.5 +/- 0.5 cSt @ 40°C (104°F)
Viscosity (dynamic)	19.5 +/- 0.5 cSt @ 40°C (104°F)
Relative Density	.888 kg/m <sup>3</sup> @ 60°C (140°F)
Viscosity (kinematic)	11 +/- 0.5 cSt @ 60°C (140°F)
Viscosity (dynamic)	10 +/- 0.5 cSt @ 60°C (140°F)
Solubility	Partial
pH	> 7-8 (alkaline)
Flash Point	87°C (188°F) closed cup

**Run Clean. Run Smart.**



## Properties

### Blend Ratio

1:10,000 - bulk dose rate

1:4,000 - shock dose rate

Shock dose rates are used to accelerate the removal of sludge contamination and for tank cleaning purposes. Shock dose rates 2x per year are recommended for stand-by fuel storage tanks to provide maximum corrosion protection.

### Quality Control

The above listed data represent typical values. They are intended as a guide to facilitate handling and cannot be regarded as specific data.

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## Treatment

ProActive® can be added to the diesel fuel tank at any time. Ideally, ProActive® should be added when fuelling to ensure thorough mixing during the filling process. Blending Fuel Right® at less than ideal dose rates will not cause any harm to your fuel system.

### Bulk Treatment

Bulk treatment means treating at a low dose rate all of the fuel, all of the time. For such treatment, use 1:10,000 as the treatment ratio. (1 litre of ProActive™ treats 10,000 litres of fuel)

### Shock Treatment

Shock treatment ratio is 1:4,000. (1 litre of ProActive® treats 4,000 litres of fuel) Periodic shock treatment once or twice per year is recommended for systems with ongoing sludge problems. Shock treatment once or twice per year is usually adequate. For small to medium sized tanks, treat for the size of the tank – not the amount of fuel in the tank.

### Note:

Fuel Right® is designed to release contaminants from sludge and this process may result in excess sediment and water on the tank bottom and potential filter overload. Contaminated tanks may require multiple filter changes before the fuel system is cleared up. Tanks containing excess water or sediment should be vacuumed and the fuel should be polished to remove excess particulate from the fuel and to establish a clean working tank. It is important to monitor your fuel tank fuel quality.

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## Storage and Handling

Fuel Right® products should remain in the sealed container and be stored in a cool, dry, well-ventilated area away from direct sunlight, moisture, rain, heat or any potential ignition sources in compliance with all current federal and local regulations.

### Safety

When using this product, the information and advice provided in our safety data sheet should be followed. Special precautions should be taken when handling chemicals.

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## Packaging

ProActive® is available in 355mL bottled packaging, 18.9L pails and 208 L drums

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