



## **DIESEL GUARD™ SUPREME PLUS (DFMS) HIGH PERFORMANCE - QUART TREATMENT**

Diesel Guard™ Supreme Plus High-Performance quarts contain a new and unique detergent chemistry formulated to remove and prevent the formation of all types of diesel fuel system deposits including power robbing Internal Diesel Injector Deposits (IDID) and injector tip deposits. Diesel Guard™ Supreme Plus formulates a high-performance diesel fuel that can prevent injector sticking and fouling in all types of diesel fuel systems including deposit prone high-pressure common rail injectors. Diesel Guard™ Supreme Plus meets/exceeds DW-10 and XUD-9 performance standards at primary treat rates.

Diesel Guard™ Supreme Plus High-Performance quarts are documented to keep injectors, combustion chambers and fuel filters cleaner. The result of a cleaner fuel system can lead to restored/improved fuel economy, lower maintenance costs, and maximized engine performance.

Fully formulated Diesel Guard™ Supreme Plus High-Performance quarts contain additional cetane improver, VT101™ lubricity improver, stabilizer to protect thermal and storage stability, and now more Corrosion Guard (CG Technology) corrosion inhibitor. These performance enhancing chemicals help reduce down time, lower maintenance costs, and maximize power, performance and fuel economy.

### **FEATURES AND BENEFITS**

- **Unique & advanced detergent chemistry cleans up all types of fuel system deposits including Internal Diesel Injector Deposits (IDID) missed by traditional detergents and external tip deposits.**
- **Prevents sticky and fouled injectors and “asphaltene” deposits.**
- **Meets DW-10 & XUD-9 performance specifications at the primary treat rate.**
- **Documented to improve / restore fuel economy up to 7.3%. (based on cleanup of injector and fuel system deposits.)**
- **Restores fuel filter and particulate trap filter life. Helps extend particulate trap regeneration intervals.**
- **Restores lost power and performance.**
- **VT101™ improves lubricity. Prevents premature wear of fuel injectors and pumps. Reduces downtime and lowers maintenance costs.**
- **Increases cetane up to 2 numbers. Higher cetane provides easier starting, faster warm-ups, less noise, reduced smoke and lower exhaust emissions.**
- **Contains additional Corrosion Guard (CG Technology) corrosion inhibitor to help protect against rust and prevent fuel system corrosion.**
- **Stabilizes diesel to prevent high temperature fuel degradation, reduce sludge formation & extend fuel filter life.**
- **Helps improve thermal and storage stability beyond industry standards.**
- **Contains no alcohol & meets ultra-low sulfur diesel requirements.**
- **Convenient and economical treat rate over competitive products. One quart treats up to 250 gallons.**



# PRODUCT DATA SHEET

## DIESEL GUARD™ SUPREME PLUS (DFMS) HIGH PERFORMANCE – QUART TREATMENT

### APPLICATIONS

This diesel additive can be used to improve the quality of high sulfur, low sulfur and ultra-low sulfur diesel fuels. It can also be used effectively in biodiesel blends. Typical applications include fleet, farm, power generation, construction, and all other heavy-duty diesel applications.

### BLENDING RECOMMENDATIONS

Product should be added to the fuel tank prior to adding fuel. Fuel tank should have a 20% heel of fuel and be free of excess water and/or sludge.

|                   |                     |
|-------------------|---------------------|
| <u>Treat Rate</u> | <u>Detergency</u>   |
| 1:250             | Keep Clean/Clean Up |
| 1:125             | Faster Clean Up     |

Maximum Dosage: Dosage for this product should not exceed 1 quart per 75 gallons of diesel fuel.

Additive performance depends on the specific fuel being treated and should be determined by laboratory testing prior to use.

### SAFETY PRECAUTIONS

When handling this product, persons should exercise caution and wear protective goggles, gloves and clothing. See cautions indicated in the corresponding Safety Data Sheet before handling and storing this product.

### WARRANTY

We guarantee this product to comply with our published specifications. Since the use of this product is beyond our control, we disclaim responsibility for its performance, handling, use, storage, the results obtained, or any injury of any nature resulting there from. Product warrantee and sellers' obligations apply only to replacement of product. Seller assumes no liability for any claim or loss of any other kind. In no event shall seller be liable for indirect punitive, special or consequential damages or expenses. Any warrantee claim shall be governed by and construed in accordance with the laws and jurisdiction of the State of Illinois.

### TYPICAL SPECIFICATIONS

|  |        |
|--|--------|
| Color (ASTM D1544) .....                   | 7      |
| Specific Gravity @ 68° F (ASTM D891) ..... | 0.8946 |
| Density, lbs./gal. (Calculated).....       | 7.47   |
| Flash Point °F, TCC (ASTM D3278) .....     | 127    |
| Additive Pour Point °F (ASTM D97) .....    | <-50   |
| Viscosity @ 70° F cP (Brookfield) .....    | 4.62   |

The sulfur content of this diesel fuel additive does not exceed 15 ppm.

### PACKAGING

Available in 32 oz. containers.



**Warning:** Cancer –  
[www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)