



## DIESEL GUARD™ SUPREME WINTER (DGAW)

### ANTIGEL / DEICER - QUART TREATMENT

Diesel Guard™ Supreme Antigel Deicer Quarts contain VT330A™ cold flow improvers, a proprietary Heavy Wax Modifier (HWM) and wax crystal modifier synergist. It is specially formulated to improve the overall winter operability of today's higher wax content, hard to treat fuels with or without mandated biodiesel blends. It significantly reduces the need to utilize kerosene blending.

"SMART" Deicer is a non-alcohol proprietary deicer designed to lower the freeze point of entrained water in saddle tanks and fuel lines. Our goal is to get the icing point of the entrained moisture in your fuel below the Cold Filter Plug Point (CFPP). This keeps ice crystals from plugging the fuel filter and helps keep the vehicle running at sub-zero temperatures. Diesel Guard™ delivers more deicer than the competition.

Contains a new and unique detergent chemistry designed to remove and prevent the formation of Internal Diesel Injector Deposits (IDID) as well as external tip deposits. Fully formulated Diesel Guard™ Supreme Antigel Deicer Quarts contain additional cetane, VT101™ lubricity and other performance enhancing chemicals that help reduce down time, lower maintenance costs and provide better operation of equipment.

#### FEATURES AND BENEFITS

- Helps prevent gelling and icing.
- Significantly reduces the pour point and cold filter plug point (CFPP) of today's diesel fuels and blends.
- Contains a Heavy Wax Modifier (HWM) and anti wax-settling agent for better cold weather operability.
- Reduces the freeze point of entrained water to as low as -50° F. "SMART" Deicer technology treats saddle tanks helping to prevent fuel filter icing.
- Reduces need for costly, BTU robbing No. 1 / Kerosene blending.
- Cleans up Internal Diesel Injector Deposits (IDID) and external tip deposits. Prevents sticky and fouled injectors and "asphaltene" deposits.
- 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.
- Contains cetane. Provides easier starting, less smoke and reduced exhaust emissions.
- Helps prevent rust and corrosion. Stabilizes fuel to reduce sludge formation.
- Convenient and economical treat rate over competitive products. One quart treats 250 gallons.



# PRODUCT DATA SHEET

## DIESEL GUARD™ ANTIGEL DEICER (DGAW)

### APPLICATIONS

This diesel additive can be used to winterize and improve the quality of high sulfur, low sulfur and ultra-low sulfur diesel fuels. It can also be used to winterize soy-based biodiesel blends up to 5%. Typical applications include fleets, farms, power generation, and all other heavy-duty diesel applications.

### BLENDING RECOMMENDATIONS

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

<u>Treat Rate</u>	<u>Cold Temperature Operability</u>
1:250	Normal
1:125	Severe

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 seller's 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)	2
Specific Gravity @ 68° F (ASTM D891)	0.8778
Density, lbs./gal. (Calculated)	7.31
Flash Point °F, TCC (ASTM D3278)	126
Additive Pour Point °F (ASTM D97)	-50
Viscosity @ 68° F cP (Brookfield)	2.56

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)

