



## DIESEL GUARD™ ANTIGEL DEICER CONCENTRATE (AGPW)

Diesel Guard™ Antigal Deicer Concentrate contains VT330A™ cold flow improvers, a proprietary Heavy Wax Modifier (HWM) and a wax crystal modifier synergist. It is specially formulated to improve the overall winter operability of today's higher wax content, hard to treat diesel 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 storage as well as saddle tanks. Our goal is to get the icing point of the entrained moisture fuel below the CFPP. This keeps ice crystals from plugging the fuel filter, keeping the vehicle running at sub-zero temperatures. Diesel Guard™ delivers more deicer than the competition.

This product is formulated for the best economical winterization of diesel fuels. It is perfect for fleets, truck stops and card locks where winter performance is needed but added cost is of concern. Since it is concentrated, less product is needed on site, reducing inventory levels and added storage requirements while providing the lowest treat cost.

### FEATURES AND BENEFITS

- Helps prevents 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 wax anti-settling protection for better cold weather operability.
- Reduces the freeze point of entrained water to as low as -50° F.
- "SMART" Deicer™ technology treats storage tanks as well as saddle tanks helping to prevent fuel filter icing.
- Reduces the need for costly No. 1 / Kerosene blending.
- Improves fuel economy versus BTU robbing No. 1 / Kerosene blending.
- Helps prevent corrosion.
- Concentrated formula reduces inventory and storage space.
- Lowest treat cost per gallon for maximum winter protection.
- Perfect for fleets, truck stops and card locks.
- Primary Treat Rate 1:3000, Maximum Treat Rate 1:500



# PRODUCT DATA SHEET

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### APPLICATIONS

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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. Typical applications include fleets, farms, power generation, and all other heavy-duty diesel applications.

### BLENDING RECOMMENDATIONS

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Product should be added to the fuel transport or 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>
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1:3000	Normal
1:1500	Normal to Severe
1:750	Severe
1:500	Maximum Dosage

Maximum Dosage: Dosage for this product should not exceed 1 gallon per 500 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

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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

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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

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Color (ASTM D1544) .....	2
Specific Gravity @ 68° F (ASTM D891).....	0.8946
Density, lbs./gal. (Calculated) .....	7.45
Flash Point °F, TCC (ASTM D3278) .....	122
Additive Pour Point °F (ASTM D97) .....	-25
Viscosity @ 68° F cP (Brookfield).....	6.18

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

### PACKAGING

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Available in bulk, 300 gal. totes, 55 gal. and 2.5 gal. containers.