



PRIMENE™ RB-3 Diesel Fuel Additive

Description

PRIMENE™ RB-3 is a specially formulated blend of t-alkyl primary amines designed to provide the following performance advantages in diesel fuel

1. Increases fuel stability (short and long-term, and thermal stability)
2. Maintains Fuel Economy
3. Provides detergency
4. Excellent price/performance

Dosage Concentration

25 to 100 mg/L

Packaging Options

The product is available in 168 kilogram steel drums

Typical Physical Properties

PRIMENE™ RB-3

Freeze/Pour Point, °C	<-32
Flash Point, °C	77
Viscosity @ -10 °C	7.4 cSt
Viscosity @ 25 °C	2.6 cSt

These are typical properties, not to be construed as specifications.

Product Specifications

PRIMENE™ RB-3

certificate of analysis including each of the following measured parameters is available

Appearance	Clear liquid
Color, Gardner	2.0 max
Specific Gravity @ 25° C	0.800 – 0.830
Neutral Equivalent	220– 235
Water Content	0.30 % Max.

Typical Uses

PRIMENE™ RB-3 may be utilized to great advantage as diesel fuel additives to enhance the performance of:

Cetane Improver
Corrosion Inhibitor
Demulsifier, Dehazer

Handling Precautions

Before using this product, consult the Safety Data Sheet (SDS) for details on product hazards, recommended handling precautions and product storage.

CAUTION! Keep combustible and/or flammable products and their vapors away from heat, sparks, flames and other sources of ignition including static discharge. Processing or operating at temperatures near or above product flashpoint may pose a fire hazard. Use appropriate grounding and bonding techniques to manage static discharge hazards.



Storage

PRIMENE™ RB-3 may be stored in carbon steel equipment. Other material such as stainless steel may be used. Copper and copper containing alloys should not be used however, since these materials are attacked by PRIMENE™ RB-3. Since carbon steel is generally less expensive than other materials of construction, it is recommended that carbon steel should be used for tank, pump, lines and all auxiliary equipment. PRIMENE™ RB-3 is free of autocatalytic degeneration under storage condition. It is possible, however, to experience an increase in color on prolonged storage. Color formation is minimized by inerting in the tank with nitrogen.

The product should be stored away from excessive heat sources and all potential ignition sources. If product containers are kept sealed and dry and extreme temperatures are avoided the shelf life of the material is greater than 3 years.

Disposal Considerations

Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner. It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations.

Product Stewardship

Dow has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

Customer Notice

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

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