
Description

ETHANOX 4760R biodiesel stabilizer is a proprietary blend of antioxidants and a metal deactivator, used to prevent oxidation or loss of stability in biodiesels. The metal deactivator is designed to neutralize the catalytic effect of copper and other metals in promoting oxidation in biodiesel.

Typical Properties

Appearance.....	clear amber to red liquid
Density (@ 25°C).....	939
Viscosity @ 40°C, cSt.....	8.4
Flash point (PMCC), °C.....	105
Freeze point, °C.....	<-20
Activity.....	.99
2,4,6-TTBP content, ppm.....	<1

Recommended Usage

The treat rate for ETHANOX 4760R biodiesel stabilizer will vary with the nature of the biodiesel and its processing conditions. Typical treat rates are between 100 ppm and 1000 ppm. Contact your Albemarle representative for specific recommendations.

Features and Benefits

- Low-temperature fluidity
- Maximizes biodiesel storage life
- Inhibits the formation of decomposition products during storage
- Cost-effective when compared to other stabilization alternatives
- Effective at extending Rancimat values in a wide range of biodiesels and blends
- Maintains fresh biodiesel Rancimat values during extending storage
- Particularly effective in biodiesel produced from sources with residual metal content
- Meets METI Regulations on 2,4,6-TTBP content

Shipping classification**Container Information**

Non-returnable 55-gallon steel drums

Chemical Registration Numbers

CAS: Blend of registered products

EINECS: Blend of registered products

TSCA: Blend of registered products

Safety and Handling Information

ETHANOX 4760R biodiesel stabilizer is a liquid product with a low viscosity and freezing point, and a high flashpoint. This allows the product to be easily and safely handled and blended into biodiesel under a wide range of conditions. Gentle heating using low-pressure steam or drum warmers may be employed to reduce product viscosity for more rapid transfer and blending. This product should not be heated above 55°C as this will shorten storage life. A recommended storage temperature is between ambient and 30°C. The typical shelf life for this product is 2 years at ambient temperature.

Before handling or using this product, the material safety data sheet (MSDS) can be obtained from your Albemarle sales representative.

The information presented herein is believed to be accurate and reliable, but is presented without guarantee or responsibility on the part of Albemarle Corporation and its subsidiaries. It is the responsibility of the user to comply with all applicable laws and regulations and to provide for a safe workplace. The user should consider any health or safety hazards or information contained herein only as a guide, and should take those precautions which are necessary or prudent to instruct employees and to develop work practice procedures in order to promote a safe work environment. Further, nothing contained herein shall be taken as an inducement or recommendation to manufacture or use any of the herein materials or processes in violation of existing or future patent.



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