

Leading the field of Denitrification.

FOR IMMEDIATE RELEASE

Environmental Operating Solutions introduces new product derived from crude glycerin, a co-product of biodiesel production

—MicroCglycerin™ newest addition to company's line of MicroC™ Premium Carbon Sources for wastewater denitrification—

BOURNE, Mass., June 10, 2009 — Environmental Operating Solutions, Inc. (EOS) announced today that it has introduced its [MicroCglycerin™ premium carbon source](#) for general availability. MicroCglycerin™ is a non-hazardous, environmentally-sustainable and domestically-produced alternative to methanol for denitrification applications at municipal and industrial wastewater treatment facilities. MicroCglycerin™ is derived from crude glycerin, a natural co-product of the nation's growing biodiesel industry. MicroCglycerin™ has been accepted by industry professionals as a safe carbon source for the removal of nitrates in wastewater systems.

As the nation's surface water quality continues to deteriorate, wastewater treatment facilities in the United States are increasingly required to upgrade their plants for enhanced nitrogen removal. In many cases, this requires facilities to add an external carbon source as an electron donor. Historically, methanol has been used as an option, however, methanol fluctuates widely in cost, is flammable, has toxic properties, requires costly storage and feed systems, and is derived from non-renewable natural gas. Moreover, 90 percent of the methanol used in the United States is imported.

“Our customers are very excited about the non-hazardous, environmentally-sustainable and domestically-produced features that our MicroCglycerin™ product offers versus methanol,” said Eric Stoermer, EOS President & CEO. “EOS worked closely with leading US biodiesel producers to ensure that its MicroCglycerin™ would meet the rigorous requirements of municipal and industrial wastewater treatment facilities. Of primary importance in development of this product was the quality, consistency and reliability of the crude glycerin input materials.” EOS has qualified 9 biodiesel plants in the United States to supply crude glycerin for its MicroCglycerin™ product. These facilities represent capacity to produce the raw materials required for up to 32 million gallons of MicroCglycerin™ annually.

Although recent industry research and pilot efforts confirmed that crude glycerin is a viable and environmentally-sustainable carbon source for denitrification, operational issues had to be addressed to ensure widespread adoption. MicroCglycerin™ overcomes these challenges with a product that has consistent carbon content, negligible methanol and fatty acids, no insoluble solids, and is compatible with existing pump, storage and feed systems.

“Early adopters of our MicroCglycerin™ product have completed successful pilots and achieved significant denitrification results,” said Peter Hunt, Vice President of Sales & Marketing at EOS. “If initial results are any indication, we anticipate MicroCglycerin™ will significantly complement our existing MicroC™ line of premium carbon sources. The product is currently available throughout North America.”

[Click here to learn more about MicroCglycerin™](#)

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If you would like someone from EOS to contact you directly, or you would prefer not to receive further emails from EOS, please reply to this email. We'd like to hear from you.

ABOUT EOS

Environmental Operating Solutions, Inc. (EOS) is an environmental technology company providing innovative products for the purification of water. The company's MicroC™ line of premium carbon sources target contaminant nitrogen at wastewater treatment facilities. EOS products currently provide wastewater treatment plants in the United States with a safer, more effective, and environmentally sustainable solution compared with other carbon sources such as methanol.

In addition, the company offers technical services to help customers optimize the use of its denitrification products. EOS was established in 2003 and is based in Bourne, Massachusetts.

[*www.EOSenvironmental.com*](http://www.EOSenvironmental.com)