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DuPont Tate & Lyle Bio Products Introduces Ingredients for Heat Transfer Fluids
NSF International approves Susterra® for HTX-1 Registration

LOUDON, Tenn., June 10, 2010 -- DuPont Tate & Lyle Bio Products is pleased to announce that 100 percent renewably sourced Susterra® propanediol has been approved by NSF International, The Public Health and Safety Company™, for use as an ingredient in heat transfer fluids (HTX-1) with incidental food contact under their non-food compounds registration program.



The main users of these standards would be fluid manufacturers and their customers in the food and pharmaceutical processing industries. Producers seeking to register with NSF can now use Susterra® as the base coolant in fluids that will go into systems that require incidental food contact.

“Our fluids customers have told us about the value of NSF certification to their customers. They clearly see the benefits of being able to offer products that couple performance with rapidly renewable resources. Now they are able to work with customers that require fluids certified for incidental food contact,” said Joseph W. DeSalvo, marketing director, DuPont Tate & Lyle.

Susterra® propanediol is made from corn sugar in Loudon, Tenn. It offers fluid manufacturers and their customers an option that is 100 percent bio-based and performs up to the stringent standards of NSF, the world leader in standards development, product certification, education and risk-management for public health and safety. Additional testing has shown that fluids based on propanediol have excellent stability which could translate into longer performance life.

A life cycle assessment of the cradle-to-gate production of chemically derived propanediol versus the cradle-to-gate production of renewably sourced Susterra® propanediol shows significant environmental benefits for the Loudon, Tenn., operations. The design data shows that the production of Susterra® consumes 40 percent less energy and reduces greenhouse gas emissions by 56 percent versus petroleum-based propanediol. Production of 100 million pounds of Susterra® can save the energy equivalent of 10 million gallons of gasoline per year. Susterra® is also certified as readily biodegradable based on an Organization for Economic Co-Operation and Development (OECD) Guideline Test for Biodegradation.

NSF International, an independent, not-for-profit organization, certifies products and writes standards for food, water and consumer goods to minimize adverse health effects (www.nsf.org). Founded in 1944, NSF is committed to protecting public health and safety worldwide. NSF is a World Health Organization Collaborating Centre for Food and Water Safety and Indoor Environment.

DuPont Tate & Lyle Bio Products is a joint venture between DuPont, a global science company, and Tate & Lyle, a world leader in corn, wheat and sugar derived ingredients. DuPont Tate & Lyle Bio Products provides renewably sourced ingredients that do not compromise product performance. For more information on the company's products, visit www.duponttateandlyle.com.

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