

Press Release

Emery Oleochemicals expands its Technical Development Center in Cincinnati, OH by opening a new state-of-the-art application lab for the company's Green Polymer Additives Business

The company's Green Polymer Additives Business offers renewable and innovative polymer additive solutions to high growth markets.

Cincinnati, OH, USA, 11 July, 2016 - Emery Oleochemicals, the world's leading natural-based chemicals producer and largest oleochemicals manufacturer in North America, announced earlier this year the completion of its new 7,500 square foot Technical Development Center (TDC). This center will now also serve as the state-of-the-art application lab for the company's Green Polymer Additives Business to offer renewable and innovative polymer additive solutions to high growth markets such as automotive, building and construction, electronics, packaging as well as toys and sports equipment.

The new application lab in Cincinnati provides Emery Oleochemicals' Green Polymer Additives (GPA) customers with regional value-added services through its dedicated Application Testing and enhances the Emery Oleochemicals' Global Technical Development Center capabilities in Loxstedt, Germany, which opened in 2013. Staffed by a dedicated technical team utilizing state-of-the-art equipment, the new Cincinnati lab capabilities include:

- Custom lubricant and plasticizer development, scale-up of LOXIOL® ester lubricants and EDENOL® plasticizers in our state of the art multi- purpose reactor,
- Formulation and applications testing for rigid and flexible PVC as well as development in engineered resins to provide technical solutions for many of today's market segments from building and construction to medical applications, and
- Full analytical support for lubricant and plasticizer development and modern analysis including NMR, FTIR, SPME, GC/MS, HPLC, HPLC/MS, DSC TGA and viscosity measurement as well as physical testing to measure percentage elongation, compression and tensile strength.
- In addition our state of the art lab is equipped with weathering devices to simulate weathering characteristics of the finished article.

We make materials better and processing easier with innovative additive solutions

Dr. Harald Klein, Global Business Director, Green Polymer Additive Business said of the opening, "Our lab housed in the TDC in Cincinnati is specifically designed to leverage our in-depth application knowledge of polymer processes and technical capabilities to deliver customizable market-ready solutions to the North American Market. By providing our customers with the latest innovations, we aim to be an instrumental partner in the development of polymer additives that are sustainable, environmentally friendly and exceed the requirements in today's polymer industry." The renewable and innovative polymer additive solutions will be offered to the market under the well-known global brands of LOXIOL® and EDENOL®.

The First Choice in sustainable polymer additives

With its local Green Polymer application lab capabilities, the Cincinnati TDC can be seen as another key milestone backing the business unit vision to be '*The first choice in sustainable polymer additives*'. Explains Michael Hoppe, Senior Sales Manager Specialties, "Our continued investment in the US into technical development capabilities combined with the recent completion of our \$50 Million (USD) bio-based and recycled content ester plant, also located in Cincinnati, places the Emery Oleochemicals' Green Polymer Business in a prime position to be the preferred partner for the plastics industry by offering renewable and innovative polymer additive solutions such as lubricants, plasticizers, anti-fogging, anti-static, and release agents."

Find out more about Emery Oleochemicals' Green Polymer Additives Business at:

http://www.emeryoleo.com/Green_Polymer_Additives.php

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About Emery Oleochemicals Group

Emery Oleochemicals Group is a leading producer of natural-based chemicals made predominantly from natural oils and fats such as plant-based oil and tallow. We offer an extensive product portfolio, including renewable solutions for the Agro Green, Bio-Lubricants, Eco-Friendly Polyols, Green Polymer Additives, Home & Personal Wellness and OleoBasics markets. With revenue of US\$700million (2015), the company is headquartered in Malaysia and has manufacturing plants spanning three continents - Asia Pacific, North America, and Europe. Emery Oleochemicals' global operations are backed by a diverse workforce and an extensive distribution network covering over 50 countries worldwide.

About Emery Oleochemicals LLC

The "Emery" name was established in Cincinnati, Ohio USA in 1840, as a tallow and candle business founded by Thomas Emery Sr. Operational since 1885, the Emery Oleochemicals LLC site today spans over 35 acres in the village of St. Bernard and city of Cincinnati. Employing 300, the site is credited for many pioneering innovations including the early forerunners of today's broad line of surfactants, and lubricants and greases for the aviation, automotive and industrial applications. Through its dedicated Centers of Excellence, the operation focuses on solutions for the bio-polyols, bio-lubricants and bio-pesticides industries, supported by its mainstay basic oleochemicals business.

For more information, please log on to www.emeryoleo.com

For media enquiries, please email corp.comm@emeryoleo.com or contact Emery Oleochemicals' press team:

Mr. Ruj Purnariksha
Director
Global Headquarters

Ms. Suchithra Krishnan
Senior Manager
Global Headquarters

Ms. Patti Koss
Manager
North America and Europe

T : +603 7844 9397

T : +603 7844 9352

T : +1 513 762 2632