



Vantage Performance Materials™ is a manufacturer of high-quality, specialty chemicals designed for use in a broad range of industrial and home care applications. These specialty chemicals include polysorbates, sorbitan esters, specialty emulsifiers, EO/PO Block Copolymers, and a variety of plant-derived surfactants for HI&I products. Vantage serves its customers with select ingredients for many applications, including low VOC and NPE-free cleaners, laundry products, polishes for floors, furniture, vehicles, hard surface cleaners and degreasers, and automotive appearance products. All products meet EU—EINECS specifications.

Specialty Emulsifiers and Silicone Derivatives		
Trade Name	Primary Description	Application
LUMULSE™ EP-EF	d-Limonene microemulsifier	Emulsifier for microemulsions used in hard surface cleaners
LUMULSE EST-300	High erucic acid rapeseed alkoxyate	Emulsifier with lubricity; emulsifies methyl soyate
LUMULSE EST-500 LF	Alcohol alkoxyate	Low foaming detergent, wetting agent for hard surface cleaners
LAMBENT™ MFF 159-100	Silicone copolymer blend	Wetting agent, rinse aid for car washes, gloss enhancer
LAMBENT WAX WS	Silicone copolyol wax	Water-soluble wax, leaves hydrophilic film for sheeting, gloss enhancer
LAMBENT E-2140 35% FG	35% Silicone emulsion	Lubricant, mold release, polish
Nonionic Surfactants (LUMULSE and LUMISORB™)		
Product	Primary Description	Application
Polysorbates	Ethoxylated Sorbitan Esters	Solubilize oils, fragrances, stabilizers
Sorbitan Esters	Lauric, oleic, and stearic based	Low HLB emulsifiers, solubilizers, stabilizers, suspension agents
EO/PO Block Copolymers	Poloxamer and Merxapol grades	Rinse aids, low foaming detergent, surface cleaners
Glycerol Esters	Lauric, oleic, and stearic based	Low HLB emulsifiers, modify viscosity and stabilize emulsions
Castor Oil Ethoxylates	Ethoxylated Castor Oil	Resistant to hydrolysis, solubilizers, enhance gelling properties
HCO Ethoxylates	Ethoxylated Hydrogenated castor oil	Resistant to hydrolysis, solubilizers, enhance gelling properties
Ethoxylated Fatty Alcohol	Cetareth, Lauryl, Stearyl, Synthetic	Emulsifiers, detergents, hard surface cleaners, laundry products
Ethoxylated Glycerine	Glycereth 7, 12, and 26	Humectants, foam stabilizers, and pigment dispersant

**LAMBENT, LUMISORB and LUMULSE are registered trademarks of Vantage Specialties, Inc.**



## **About Us**

In recent years, Vantage Performance Materials™, formerly Lambent Technologies, has optimized its portfolio of oleochemical derivatives and specialty alkoxylates to better serve customers in its key market areas. Using our expertise in synthesis, product development, processing, and applications development, our strategy is to continue to further expand our portfolio and application knowledge in each key market to provide customers with innovative products and technical support.

Vantage Performance Materials™ addresses unmet needs in the marketplace by delivering innovative as well as industry standard solutions. Strategically located 35 miles north of Chicago, IL offers prompt service and turnaround time for the US market. The multi-functional manufacturing facility, complete with state-of-the-art process and lab equipment, has many widely recognized quality certifications including cGMP, ISO 9001:2015, FSSC 22000, Kosher and Kosher for Passover (OU), USP/NF, Halal, and food grade certified production.

Together with our technical expertise, flexible manufacturing capabilities, empowered customer service team, and commitment to responsible sourcing, Vantage Performance Materials™ is a trusted partner in specialty chemical manufacturing.”

## **Values & Vision**

The long term success of Vantage is the result of our company culture that places high value on customer responsiveness. We take pride in our ability to define ourselves as a customer-centric specialty chemical company. All members of Vantage work to cultivate a friendly environment that adds a “warm human touch” to each and every customer interaction. We strive to be a preferential provider that easily works within our customers’ constraints. Vantage does this by seeking out and focusing on our customers’ needs, helping to achieve their specific goals and by creating an excellent customer experience with each and every interaction.

Our values are built on a foundation of environmental responsibility, site safety and business ethics. We do our utmost, at all times, to treat our customer base with eagerness to accommodate, quick responsiveness and helpful support. We operate with a decentralized management structure, recognizing that often the best decisions are made by our accountable, responsible and well-versed employees.

Our Vision—Making Life Better Through Natural Chemistry