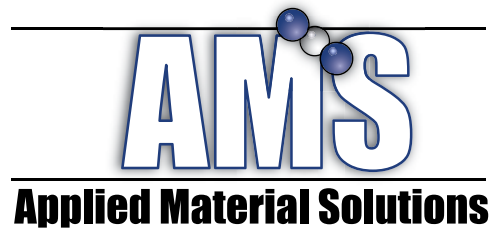


AMulSion™ COD Demulsifiers

Benefits of Using AMS Corn Oil Separation Aids

- ▶ Lower your demulsifier feed rate
- ▶ Reduce your demulsifier cost
- ▶ Boost corn oil yield
- ▶ Minimize solids for a cleaner, higher quality oil
- ▶ Increase profits
- ▶ Effective across a range of operating conditions
- ▶ Reliable and timely delivery



Applied Material Solutions offers corn oil separation aids, high quality antifoam products, colloidal silica, hydrophobic fumed and precipitated silica and toll manufacturing. AMS is headquartered in Elkhorn, WI, and manufactures demulsifiers in Burlington, WI.



AMS Headquarters

1001 E Centralia St
Elkhorn, WI 53121

Phone 262-723-6595
Email info@amsi-usa.com

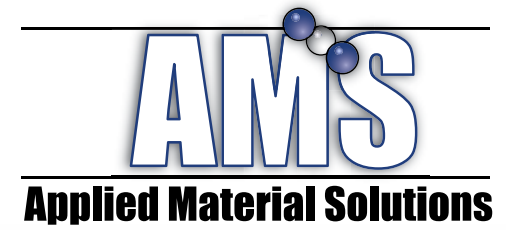


Burlington Plant

1956 S. Pine Street
Burlington, WI 53105

Phone 262-723-6595
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www.appliedmaterialsolutions.com



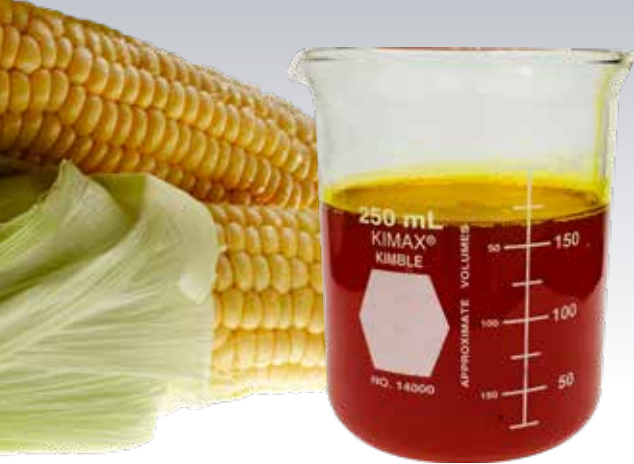
AMulSion™ COD Demulsifiers

Corn Oil Separation Aids

For the Fuel Ethanol Industry

Increase Profitability/Decrease Cost





AMuSion™ Corn Oil Demulsifiers

AMS produces a variety of corn oil separation aids and can customize products to improve results within your unique set of operating conditions

Highlighted Products

AMuSion™ COD-206

- High-actives formulation with hydrophobic silica
- Workhorse demulsifier effective across a broad range of operating conditions

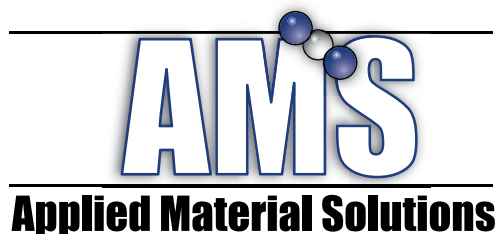
AMuSion™ COD-711 H AMuSion™ COD-745 AMuSion™ COD-760

- Unique chemistry with hydrophobic silica
- Delivers results where others fall short

Patented Technology

U.S. Patent No. 10,745,283

U.S. Patent No. 10,954,130



Why You Should Purchase from AMS

- ▶ **High inventory** of raw materials and finished goods
- ▶ **Rapid delivery** with short lead times
- ▶ **On-site testing** support available
- ▶ **Lab analyses** of thin stillage and syrup
- ▶ **Vertically integrated manufacturer** of key demulsifier components, including hydrophobic silica
- ▶ **Midwest manufacturing locations**, near most producers
- ▶ **Bulk program assistance** available
- ▶ **AMS also offers** antifoams, defoamers, cleaners, and CIP additives

Antifoams for Ethanol Production



Applied Material Solutions manufactures a wide range of antifoams and defoamers for the ethanol industry, including food-grade and kosher products. Our additives control foam, assist in processing at multiple stages of ethanol production, and have been specially tailored for your industry.

Wet Corn Milling

AE-10-FGK	10% silicone antifoam emulsion designed to give maximum efficiency under a wide variety of conditions
TRANS-1553	Silicone-free defoamer for mill separations and steep house process water
TRANS-433	100% active, surfactant-based antifoam, silicone-free
TRANS-393 W	Surfactant-based antifoam that delivers superior value due to its high level of persistence in the system, silicone-free

Yeast Propagation

TRANS-10A	10% active, food-grade silicone antifoam, formaldehyde-free
TRANS-205 RM	100% active surfactant-based antifoam, silicone-free

Fermentation (wet mill)

TRANS-10A	10% active, food-grade silicone antifoam, formaldehyde-free
TRANS-276	100% active defoamer containing a blend of proprietary surfactants and silicone
TRANS-396	100% active, surfactant-based defoamer, silicone-free

Distillation

TRANS-1564	Silicone-free, food-grade defoamer specifically designed for controlling foam in high-temp applications, including distillation columns
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CIP

TRANS-2450	Concentrated, water-based defoamer for CIP systems, alkali-stable and silicone-free
TRANS-396	100% active, surfactant-based defoamer, silicone-free
TRANS-274	100% active, non-silicone defoamer

Wastewater Treatment

TRANS-2910B	Water-based defoamer, economical and effective
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