

OPTIXAN™ INDUSTRIAL GRADES OF XANTHAN GUM

WHAT DIFFERENCE DOES THE FLOW MAKE?

Xanthan gum is one of the most effective and versatile rheology modifiers available today – providing a natural solution to the needs of industrial manufacturers to improve stability, flow and cling in their products.

OptiXan™ xanthan gum offers the benefits of a unique flow behaviour and gives you instantaneous, reversible shear-thinning. It has a high viscosity at low concentrations and is derived from renewable resources.

PAINTS, COATINGS, BUILDING CHEMICALS AND ADHESIVES

- Flow control for aqueous systems
- Suspension of dense particulates, minimising the risk of sedimentation
- High, low-shear viscosity and 'cling' enabling pin-point precision in application to difficult surfaces

TOILET AND SURFACE CLEANERS

- Improved acid/enzyme delivery
- Even coating, with no streaking
- Natural products that are easily biodegradable

BENEFITS

- **Unique flow behaviour**
- **Instantaneous, reversible shear-thinning**
- **High viscosity at low concentration**
- **Derived from renewable resources**

OptiXan xanthan gum has a high resistance to the effects of:

- Heat
- pH
- Enzymes
- Shear
- Ionic strength

OPTIXAN™



FIRE-FIGHTING FOAMS

- Stable raft formation on contact with oil or petroleum
- Enhanced foam building qualities
- Good suspension
- Long-term stability

POLISHES (CAR, METAL, SHOE)

- Good suspension of abrasive particles
- Stability with solvents, alcohol and enzymes
- Even dispensing from narrow neck and trigger-spray containers

FLOWABLE AGROCHEMICAL SPRAYS

- Enhanced control, reducing wind-drift
- Good 'cling' which improves pesticide retention on plants



FUELS &
INDUSTRIALS

CONSTRUCTION

HOUSEHOLD
PRODUCTS

INDUSTRIAL
CHEMICALS

MINING &
DRILLING

PACKAGING

PAINTS, INKS &
COATINGS

PETROLEUM

ETHANOL

BIODIESEL

PLASTICS

PULP & PAPER



ADM unlocks the power of oilseeds to create natural-source, high-quality products to meet the needs of industry. **RESOURCEFUL BY NATURE™**

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OTHER APPLICATIONS

- Ceramic glazes – gives even coating over difficult surfaces
- Foundry core wash – refining coating characteristics
- Latex production – enhancing emulsion stability
- Liquid fertilisers – improving the shelf-life of micro-nutrient fertiliser suspensions
- Textiles – thickening textile and carpet printing inks and dyes
- Mineral processing – improving suspension – prevents sedimentation in transit
- Speciality automotive products – thickening de-icing fluids and screen washes

ADM – INDUSTRIAL GRADES

- OptiXan Dispersible Xanthan Gum (174960)
- OptiXan Dispersible T Xanthan Gum (transparent) (174965)
- OptiXan 40 Xanthan Gum (174970)
- OptiXan 40 T Xanthan Gum (transparent) (174975)

ADM – THE NATURAL CHOICE

ADM's xanthan gum joins an established portfolio of food and industrial additives including citric acid, citrates, lactic acid, lactates, GDL and lecithins.



ADM's dedicated xanthan plant is part of its huge fermentation complex in Decatur, Illinois. It benefits from the Company's unique level of vertical integration and energy co-generation. ADM is able to monitor and control every stage from crop processing and raw material selection right through to the finished product, assuring quality throughout.

MEETING EUROPEAN DEMAND

In the European additives market which is large, dynamic, complex and highly regulated, our customers' purchasing function must be able to rely on the timely supply of products, fully complying with the required specifications and at competitive prices.

ADM subsidiaries and distributors are located throughout Europe ensuring that ADM's customers – from the largest to the smallest – receive the service they need. With 'local' supplies, technical support and timely deliveries, ADM offers a dependable supply of top quality products.

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