

# MATERIAL SAFETY DATA SHEET

Issue Date: June 9, 2006

## IDENTITY (As used on label and list)

NovaXan™ Xanthan Gum, NF/FCC

Thickener and Stabilizer, for Excipient/Food Use

Dispersible Food Grade, 40 Mesh Food Grade, 80 Mesh Food Grade, 200 Mesh Food Grade, or any of the preceding grades also containing the designation Transparent or AF.

## Section I

### Manufacturers Name

Archer Daniels Midland Co

### Address

P.O. Box 1470

Decatur Illinois 62525

### Emergency Telephone number

217-424-5200

### Telephone Number for Information

217-451-7418

## Section II - Hazardous Ingredients/ Identity Information

### Hazardous Components (Chemical Identity; Common Name)

### Hazard Data

#### OSHA PEL

#### ACGIH TLV

Xanthan Gum

Cas No. 11138-66-2

N/A

N/A

## Section III - Physical/Chemical Characteristics

### Boiling Point

Not applicable - solid

### Specific Gravity (H<sub>2</sub>O = 1)

Not available

### Vapor Pressure (mm Hg)

Not applicable - solid

### Melting Point

Not Applicable

### Vapor Density (Air = 1)

Not applicable

### pH, 1.0% Solution

7 ± 0.5

### Solubility in water

Soluble White to off white powder or granules, slight characteristic odor.

### Appearance and Odor

## Section IV - Fire and Explosion Hazard Data

### Flash Point (Method Used)

N/A

### Flammable Limits

Not Available

### LEL

NA

### UEL

NA

### Extinguishing Media

Water, carbon dioxide, foam or powder extinguisher.

### Special Fire Fighting Procedures

Xanthan gum will burn when in contact with flame but self-extinguishes when flame is removed.

### Unusual Fire and Explosion Hazards

Possibility of dust explosion.

This MSDS is based upon a limited review of ADM files and standard Toxicological handbooks.

The information herein is furnished without warranty of any kind. This information should only be used as a supplement to information already in your possession concerning the product. The determination of whether and under what conditions the product should be used by your employees is yours to make.

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**Section V - Reactivity Data**

**Stability**   **Stable**   **Unstable**

**Conditions to Avoid**

Stable under normal conditions.

None known.

**Incompatibility (*Materials to Avoid*)**

Strong oxidizers.

**Hazardous Decomposition or Byproducts**

Thermal decomposition may produce carbon dioxide and carbon monoxide.

**Hazardous polymerization**   **May Occur**   **Will Not Occur**

Will not occur.

**Conditions to Avoid**

None known.

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**Section VI - Health Hazard Data**

**Routes of Entry:**   **Inhalation**   **Skin**   **Ingestion**

Skin contact, Ingestion, Inhalation of dust.

**Health Hazards (*Acute and Chronic*)**

No evidence of adverse effects.

**Carcinogenicity**

No

**NTP**

No

**IARC Monographs**

No

**OSHA Regulated**

No

**Signs and Symptoms of Exposure**

Prolong contact with powder may cause irritation. Dust may cause eye irritation. Excessive inhalation of dust should be avoided, the hygroscopic property of xanthan gum can impede normal breathing.

**Medical Conditions Generally Aggravated by Exposure**

No information available.

**Emergency and First Aid Procedures**

Eyes-immediately flush with plenty of water. Call a physician if irritation develops.

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**Section VII - Precautions for Safe Handling and Use**

**Steps to Be Taken in Case of Material is Released or Spilled**

Recover by vacuum or broom and shovel. Do not flush area with water, wetted material will be very slippery.

**Waste Disposal Method**

Conform to applicable federal, state and local regulations.

Landfill or flush well-diluted wet materials to drain. Material is biodegradable in waste treatment facility.

**Precautions to Be Taken in Handling and Storing**

Store in a cool, dry area.

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**Section VIII - Control Measures**

**Respiratory Protection (*Specify Type*)**

NIOSH approved chemical respirator with dust filter while handling powder in dust generating situations.

**Ventilation**

Local exhaust sufficient to control dust.

**Local Exhaust**

**Mechanical(General)**

**Special**

**Other**

**Protective Gloves**

Not normally necessary.

**Eye Protection**

Safety Glasses

**Other Protective Clothing or Equipment**

NIOSH approved chemical respirator with dust filter while handling powder in dust generating situations. Excessive inhalation of dust should be avoided, the hygroscopic property of xanthan gum can impede normal breathing.