

# Material Safety Data Sheet

## *Xanthan Gum*

### I. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Xanthan Gum  
Generic Description: Xanthan Gum

Date Prepared: 7/2010

#### Supplier:

#### NOV FluidControl

4310 N Sam Houston Parkway East  
Houston, Texas 77032 USA  
Office: (713) 482-0500  
Fax: (713) 482-0695  
Company website: [www.nov.com](http://www.nov.com)

#### Emergency Telephone Number:

**CHEMTREC: 1-800-424-9300 or International +1-703-527-3887**

### II. COMPOSITION

Material or Component	CAS Number	OSHA PEL	Percentage
Xanthan Gum	11138-66-2		100%

### III. HAZARDS IDENTIFICATION

#### Hazard Data:

**Eyes:** May cause irritation to the eyes.

**Skin:** May be irritating to the skin. Repeated or prolonged contact may cause drying and cracking of the skin.

**Ingestion:** Not anticipated route of exposure. May cause irritation of digestive tract.

**Inhalation:** Irritating to the respiratory tract if inhaled. The OSHA PEL for respirable dust is 5 mg/m<sup>3</sup> and 15 mg/m<sup>3</sup> for total dust.

**Chronic Health Effects:** None known.

**Medical Conditions Aggravated by Exposure:**  
None known.

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## IV. FIRST AID MEASURES

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**Eyes:** Immediately flush eyes with large amounts of running water for at least 15 minutes. Get medical advice if irritation develops.

**Skin:** Immediately wash exposed area with soap and water. Get medical advice if irritation develops.

**Ingestion:** If large amounts were ingested, give water to drink and get medical advice.

**Inhalation:** Remove person to fresh air. Get medical attention for any breathing difficulty.

**Advice to Physicians:** Treat symptomatically.

## V. FIRE AND EXPLOSION DATA

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<b>Flash Point</b>	Not applicable
<b>Flammable Limits</b>	Not applicable
<b>Fire Extinguishing Media</b>	Water, foam, sand, dry chemical or carbon dioxide (CO2)
<b>Unusual Fire and Explosion Hazard</b>	None

## VI. ACCIDENTAL RELEASE MEASURES

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**Release or Spill** Collect and place in suitable container for reuse or disposal

**Personal Precautions** Keep away from heat and sources of ignition. Avoid breathing dust.

**Environmental Precautions** None

## VII. HANDLING AND STORAGE

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Store in a cool, dry, ventilated area. Keep container tightly closed when not in use. Use good housekeeping in storage and work areas to prevent accumulation of dust. Keep away from oxidizing agents and extreme heat.

## VIII. EXPOSURE CONTROL/PERSONAL PROTECTION

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**Airborne Exposure Limits**  
OSHA Permissible Exposure Limit (PEL) 15 mg/m<sup>3</sup> total dust, 5 mg/m<sup>3</sup> respirable fraction for nuisance dusts.

**Ventilation Requirements:**  
A system of local and/or general exhaust is recommended if handled in a confined area to keep airborne levels below recommended exposure limits.

**Respiratory Protection**  
Use NIOSH approved nuisance dust respirator.

**Skin Protection**  
Wear long sleeved clothing and work gloves.

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**Eye Protection**

Wear safety glasses with side shields. Maintain eye wash station in work area.

**Other Protection Equipment/Clothing**

As appropriate for work area.

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**IX. PHYSICAL AND CHEMICAL PROPERTIES**

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<b>Physical State</b>	Powder
<b>Color</b>	Light yellow
<b>Odor</b>	None
<b>pH (1% soln/water)</b>	7
<b>Specific Gravity</b>	0.8
<b>Boiling Range/Point</b>	Not applicable
<b>Flash Point</b>	Not applicable
<b>Explosion Limits (%)</b>	Not applicable
<b>Solubility in Water</b>	Slight
<b>Vapor Density (Air=1)</b>	Not applicable
<b>Evaporation Rate (butyl acetate=1)</b>	Not applicable

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**X. STABILITY AND REACTIVITY**

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**Stability:** Stable under normal conditions of use and storage.  
**Materials to Avoid:** Excessive heat, ignition sources and strong oxidizers.  
**Hazardous Polymerization:** Will not occur.  
**Hazardous Decomposition:** CO, CO2

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**XI. TOXICOLOGICAL INFORMATION**

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No acute toxicity data is available for product or components.

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**XII. ECOLOGICAL INFORMATION**

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No ecotoxicity data is available. This product is not expected to present an environmental hazard.

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**XIII. DISPOSAL**

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Dispose of material in accordance with all local, state, and federal regulations.

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**XIV. TRANSPORTATION INFORMATION**

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<b>UN Proper Shipping Name:</b>	Not regulated
<b>UN Label:</b>	None
<b>UN Number:</b>	None
<b>Hazardous Ingredients:</b>	None
<b>Placards:</b>	None
<b>Reportable Quantity:</b>	None

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**XV. REGULATORY INFORMATION**

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TSCA Listed	Yes
SARA Title III Section 302	No
SARA Title III Section 311/312	No
SARA Title III Section 313	No
WHMIS (Canada):	Not a controlled product
DSL (Canada)	Listed

**XVI. OTHER INFORMATION**

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**NFPA Hazard Codes:** Health 1; Flammability 0; Reactivity 0  
Ratings based on NPFA

**Abbreviations**

N/A: Denotes no applicable information found or available  
CAS#: Chemical Abstracts Service Number  
ACGIH: American Conference of Governmental Industrial Hygienists  
OSHA: Occupational Safety and Health Administration  
TLV: Threshold Limit Value  
PEL: Permissible Exposure Limit  
STEL: Short Term Exposure Limit  
NTP: National Toxicology Program  
IARC: International Agency for Research on Cancer  
LC50: Lethal Concentration 50%  
LD50: Lethal Dose 50%  
BOD: Biological Oxygen Demand

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**For further information contact:**

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