



MATERIAL SAFETY DATA SHEET

Trade Name: **FLOWLINE XANTHAN-15D**

Revision Date: **March 2009**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: FLOWLINE XANTHAN-15D

Generic Description Xanthan Gum

Emergency Telephone (24 hr.): **1-800-324-0777**

Supplied by: **HiTech Fluid Systems Ltd.**
1800, 505 - 3rd Street S.W.
Calgary, AB T2P 3E6
Tel: 403.547.2906
Fax: 403.547.3129
www.hitechfluid.com

2. COMPOSITION/INFORMATION ON THE COMPONENTS

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

3. HAZARDOUS INGREDIENTS

Hazard Date:

Health: 1

Flammability: 0

Reactivity: 0

Inhalation: Irritating to the respiratory tract if inhaled. The OSHA PEL for respirable dust is 5 mg/m³ and 15 mg/m³ for total dust.

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

Eye Contact: May cause irritation to the eyes.

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

Chronic Health Effects: None known.

Medical Conditions Aggravated by Exposure: None known

4. FIRST AID MEASURES

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

Skin Contact: Wash exposed area thoroughly with soap and water. Remove contaminated clothing and launder before reuse. Get medical advice if irritation develops.

Eye Contact: Wash eyes thoroughly with large amounts of running water for at least 15 minutes. Get medical advice if discomfort continues.

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

Advice to Physicians: Treat symptomatically.

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5. FIRE FIGHTING MEASURES

Flash Point:	Not applicable
Flammable Limits:	Not applicable
Fire Extinguishing Media:	Water, foam, sand, dry chemical or carbon dioxide (CO ₂)
Unusual Fire and Explosion Hazard:	None

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill or Leak:	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

7. HANDLING AND STORAGE

Handling & Storage:	Store in a cool, dry, ventilated area. Use good housekeeping in storage and work areas to prevent accumulation of dust. Keep away from oxidizing agents and extreme heat.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Airborne Exposure Limits:	OSHA Permissible Exposure Limit (PEL) 15 mg/m ³ total dust, 5 mg/m ³ 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.
Eye Protection:	Wear safety glasses with side shields. Maintain eye wash station in work area.
Skin and Body Protection:	Wear long sleeved clothing and work gloves.
Other Protection Equipment / Clothing:	As appropriate for work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Powder
Colour:	Light Yellow
Odour:	None
pH:	7.0 (1% solution)
Specific Gravity:	0.8
Boiling Range / Point:	Not applicable
Flash Point:	Not applicable
Explosion Limits (%):	Not applicable
Density:	40-55 lb/cu. Ft.
Water Solubility:	Slight
Vapor Density (Air=1)	Not applicable
Evaporation Rate (butyl acetate = 1)	Not applicable

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10. STABILITY AND REACTIVITY

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, CO ₂ (Oxides of carbon)

11. TOXICOLOGICAL INFORMATION

No acute toxicity data is available for product or components.

12. ECOLOGICAL INFORMATION

Product Ecotoxicity Data:	No ecotoxicity data is available. This product is not expected to present an environmental hazard. Readily biodegradable.
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13. DISPOSAL CONSIDERATIONS

Waste Disposal Method:	Dispose of material in accordance with all local, state and federal regulations.
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14. TRANSPORT INFORMATION

UN Proper Shipping Name:	Not regulated
UN Label:	None
UN Identification Number:	None
Hazardous Ingredients:	None
Placards:	None
Reportable Quantity:	None

15. REGULATORY INFORMATION

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
Canada DSL:	Listed

16. OTHER INFORMATION

Abbreviations:	
N/A:	Denotes no applicable information found or available.
CAS#:	Chemical Abstracts Service Number.
ACGIH:	American Conference of Governmental Industrial Hygienists.
NIOSH:	National Institute for Occupational Safety & Health.
OSHA:	Occupational Safety and Health Administration.
TLV:	Threshold Limit Value
PEL:	Permissible Exposure Limit

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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

Disclaimer:

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