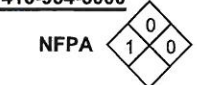


**MATERIAL SAFETY DATA SHEET**

5100 W. Henrietta Rd.  
West Henrietta, NY 14586  
TEL: (866) 260-0501

MSDS No. 9457701  
9457704 9457706  
Effective Date: December 1, 2005

**SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE**

Product	Guar Gum	<p>416-984-3000</p>  <p>Health 1 Flammability 0 Reactivity 0</p> <p>HAZARD RATING WHMIS</p> <p>Minimal 0 Slight 1 Moderate 2 Serious 3 Severe 4</p>
Chemical Synonyms	Guar Flour	
Formula	Natural Product	
CAS No.	9000-30-0	

**SECTION II DANGEROUS INGREDIENTS**

Name	%	TLV Units
Guar gum	100%	N/A
<b>CAUTION!</b>		

**SECTION III PHYSICAL DATA**

Melting Point (°C)	N/A	Specific Gravity (H <sub>2</sub> O = 1)	N/A
Boiling Point (°C)	N/A	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	N/A	Evaporation Rate (= 1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	Soluble.		
Appearance & Odor	Off-white powder; bland odor.		

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

Flash point	Non-flammable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Firefighting Procedures	Use dry chemical, CO <sub>2</sub> , alcohol foam, or water spray. In fire conditions, fire-fighters should wear an appropriate mask or a self-containing breathing apparatus.				

Flammability and Explosion Hazards	Dust dispersed in air is capable of creating a dust explosion when exposed to an ignition source.
TDG	Not controlled under TDG.

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. For laboratory use only. Not for drug, food or household use. Keep out of reach of children. Printed on recycled paper.

**SECTION V REACTIVITY DATA** GC0246

Chemical Stability	Yes	X	If no, under what conditions?
	No		
Incompatible with Other products	Yes	X	Oxidizing materials.
	No		
Hazardous Decomposition Products	Carbon oxides.		
Reactive under what conditions	Heat and incompatible materials.		

**SECTION VI TOXICOLOGICAL PROPERTIES**

Route of Entry	Inhalation.
TLV	N/A
Toxicity for animals	LD50: 7060 mg/kg oral-rat LD50: 7000 mg/mg oral-rabbit
Chronic effects on humans	There is no known effects from chronic exposure to this product. Target organs: None known.
Acute effects on humans	Irritating to eyes, skin and respiratory system.

**SECTION VII PREVENTIVE MEASURES**

Waste Disposal	Discharge, treatment, or disposal may be subject to local laws. Consult your local or regional authorities.
Storage	Keep container dry. Keep in a cool place. Keep container tightly closed. Avoid dispersion of dust in air.
Precautions	Avoid contact with skin and eyes. DO NOT breathe dust. DO NOT ingest. If ingested, seek medical advice immediately.
Spill or leak	Use appropriate tools to put the spilled solid in a convenient waste disposal container.
Protective Clothing	Safety glasses, lab coat, dust respirator, gloves.

**SECTION VIII FIRST AID MEASURES**

Specific first aid measures	Ingestion: Call physician or Poison Control Center immediately. Induce vomiting only if advised by the appropriate medical personnel. Eye contact: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek medical attention. Skin contact: Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Inhalation: Move victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Allow victim to rest in a well ventilated area. Seek immediate medical attention.
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**SECTION IX PREPARATION OF THE MSDS**

Rev. No.	4	Date	December 1, 2005	Approved	Michael Raszeja
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