



## Material Safety Data Sheet

**IDENTITY: G-Tac**  
**Date Issued: 11/30/10**

### SECTION I

**Manufacturer:** Apex Resources Inc.  
5546 Shepherdsville Road  
Louisville, KY 40228  
Tel: 502-964-7521 Fax: 502-964-7524  
**Emergency Phone:** 502-964-7521  
**Email:** info@apexr.com

### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

**Common Name:** Guar Gum Powder  
**Botanical Name:** Galactomannan  
**Hazard Compound:** Carbohydrate  
**CAS Number:** 9000-30-0  
**Exposure Limits:** Not established  
**Hazard Compound:** N/A  
**OSHA Hazardous Material:** No  
**OSHA Hazard Categories:** N/A

### SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

<b>Boiling Point (F):</b>	N/A	<b>Melting Point:</b>	decomposes
<b>Vapor Pressure (mm Hg):</b>	N/A	<b>Specific Gravity (H<sub>2</sub>O=1):</b>	N/A
<b>Vapor Density (air=1):</b>	N/A	<b>Solubility in water:</b>	Complete
<b>Appearance &amp; Odor:</b>	Creamy white powder, with/bean like odor		
<b>Evaporation Rate:</b>	N/A		

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### SECTION IV – FIRE AND EXPLOSIVE HAZARD DATA

**Flash Point:** Product will burn when in contact with a flame.  
**Flammable Limits:** Similar to flour                      **LEL:** 0.04 oz/cf  
**UEL:** unknown                      **Extinguisher Media:** Water fog, foam, dry chemical, CO<sup>2</sup>

**Special Fire Fighting Procedures:** Treat as a Class A fire, once ignited product tends to smolder. Slippery conditions are created if spilled product comes in contact with water.

**Unusual Fire & Explosive Hazard:** Powder has the potential to form explosive mixture with air, avoid creating dust, keep away from heat, open flame and sparks. Use spark-proof motors, ventilate to control dust.

#### SECTION V – REACTIVITY DATA

**Stability:** Stable  
**Hazardous Decomposition or Byproducts:** Thermal decomposition: CO, CO<sup>2</sup>, Hydrocarbons  
Oxides of carbon and nitrogen. Don't breathe.  
**Incompatibility (materials to avoid):** Strong oxidizers.  
**Hazardous Polymerization:** Will not occur  
**Conditions to avoid:** Ignition sources, water contact.

#### SECTION VI – HEALTH HAZARD DATA

**Routes of Entry:** Inhalation - Yes  
Skin - No  
Ingestion - No

**Health Hazards:** EYES: may be irritating, remove excess material from eyes. RESPIRATORY: may produce irritation or allergic response. SKIN: may cause dryness, wash skin with soap and water..

**Carcinogenicity:** None: Properties are considered to be non-hazardous and non-toxic.

**Signs and Symptoms of Exposure:** ACUTE: None established. CHRONIC: None established.

**Medical Conditions Generally Aggravated by Exposure:** None established. However, like any dust, guar gum may product respiratory irritation and/or allergic response in some individuals.

**Emergency and First Aid Procedures:** EYES: Remove excess material from eyes, irrigate eyes with water. Consult physician if irritation persists.

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#### SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

**Steps to be taken in case material is released or spilled:** Clean up with vacuum. Avoid contact with water, can become extremely slippery if spilled on floor and wetted

**Waste Disposal Method:** G-Tac is not hazardous waste and is listed for EEC and USA under EPA registry CAS #9000-30-0. Dispose in an approved landfill in accordance with local regulations. Do not dump down sewers or drains.

**Other Precautions:** Store in a dry, cool place. G-Tac gum is stable in dry form. Keep container closed to avoid moisture pick-up. Properly cover container and retest after extended storage to assure quality prior to use.

## **SECTION VIII – CONTROL MEASURES**

**Respiratory Protection:** Use dust mask or respirators

**Ventilation:** Use in well ventilated areas  
leather

**Other Protective equipment:** None

**Eye Protection:** Chemical/safety goggles

**Protective Gloves:** Rubber, plastic,

### **Other Information:**

**Disclaimer:** All information recommendations and suggestions herein concerning the product are based upon data believed to be reliable. It is the user's responsibility to determine the safety toxicity and suitability for their own use of the product described herein, and to comply with all applicable regulations. Since the actual use by other is beyond the MSDS developer's control, no guarantee, expressed or implied is made by the manufacturer as to the effects of such use, the results to be obtained, or the safety and toxicity of the product, nor does the manufacturer assume any liability arising out of use by other of the product referred to herein. This MSDS is not intended as a license to operate under, or recommendation to infringe on, any patents. Appropriated warnings and safe handling procedures should be provided to handlers and users.