

**Humco Holding Group, Inc.**  
7400 Alumax Drive  
Texarkana, TX 75501  
903-334-6200

Item#0395-1401

**Karaya Gum**

**DATE ISSUED: 04/10/07**

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**SECTION I IDENTIFICATION**  
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**Product Name:** Karaya B                      **CAS No.:** NA

**Chemical Name:** Polysaccharide              **Chemical Family:** Polysaccharide

**Formula:** NA

**Emergency Telephone Number:** 1-800-424-9300

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**SECTION II HAZARDOUS INGREDIENTS/IDENTITY**  
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**Hazardous Components:** Material can burn when exposed to very high temperature and flame.

**Hazard:** NA                                      **TLV:** NA

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**SECTION III PHYSICAL & CHEMICAL CHARACTERISTICS**  
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**Appearance & Odor:** Amber                      **Reactivity in Water/Air:** Not reactive

**Specific Gravity (H<sub>2</sub>O=1):** NA                      **Vapor Pressure (mm Hg):** NA

**Solubility in Water:** Readily Soluble              **Melting Point:** NA

**Boiling Point:** NA                                      **Vapor Density (Air = 1):** NA

**Evaporation Rate (Butyl Acetate = 1):** NA              **% Volatile by Volume:** NA

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**SECTION IV FIRE & EXPLOSION DATA**  
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**Flash Point:** NA                                      **Flammable Limits in Air (% by Volume):** NA

**Autoignition Temperature:** NA

**Extinguishing Media:** Water fog, dry chemical, CO<sub>2</sub> and foam.

**Special Fire Fighting Procedures:** None known.

**Unusual Fire & Explosion Hazards:** None known.  
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**SECTION V****REACTIVITY DATA****Stability:** Stable**Incompatibility (Materials to Avoid):** None known.**Conditions to Avoid:** NA**Hazardous Polymerization:** Will not occur.**Hazardous Decomposition Products:** Can emit acrinous odor when over heated.**SECTION VI****HEALTH HAZARDS****Routes of Entry:** Dermal contact.**OSHA Perm. Exposure Limit:** None established.**ACGIH Threshold Limit Value:** None established.**Other Exposure Limit Used:** NA**Health Hazards (Acute & Chronic):** Not established.**Medical Conditions Generally Aggravated by Exposure:** Unknown.**Emergency & First Aid Procedures****Inhalation:** If this occurs, move to fresh air.**Skin:** Flush with water.**Eyes:** Flush well with water, if irritation persists see a doctor.**Hygienic Practice:** Normal Good Manufacturing/Housekeeping Practices.**Chemical Listed as Carcinogen or Potential Carcinogen:** Not listed.**SECTION VII****PRECAUTIONS FOR SAFE HANDLING & USE****Handling & Storage:** Normal GMP storage and handling procedures. Store in sealed container.**Procedures for spills:** GMP practices should prevail. Dispose properly.**Waste Disposal Methods:** Dispose in applicable manner according to regulations.**SECTION VIII****CONTROL MEASURES****Respiratory Protection:** None**Ventilation:** Local**Protective Gloves:** Rubber if gross contact.**Eye Protection:** Safety goggles with side shields.**Other Protective Clothing or Equipment:** Cover exposed skin as needed.**Work/Hygienic Practices:** Normal GMP