

Humco Holding Group, Inc.  
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Texarkana, TX 75501  
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Item #0395-0001  
**ACACIA POWDER**

**DATE ISSUED:** 09/13/99

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**SECTION I HAZARDOUS PRODUCT/INGREDIENT PER 20 CFR 1910.1200**  
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<b>COMPOSITION</b>	<b>CAS NUMBER</b>
Gum Arabic (Acacia)	9000-01-5

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**SECTION II PHYSICAL/CHEMICAL CHARACTERISTICS**  
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<b>Boiling Point:</b> N/A	<b>Melting Point:</b> N/A
<b>Specific Gravity:</b> N/A	<b>Solubility:</b> (In water) Limited by viscosity - forms gel.
<b>Vapor Pressure:</b> (mm Hg) N/A	<b>Vapor Density:</b> (Air=1) N/A
<b>Evaporation Rate (Butyl Acetate=1):</b> N/A	
<b>Appearance and Odor:</b> White to pale yellow, free flowing powder. Bland odor.	

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**SECTION III DEGREE OF HAZARD**  
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**Degree of Hazard**

4 - Extreme	Flammability	0
3 - High	Health	0
2 - Moderate	Reactivity	0
1 - Slight	Special Hazard	0
0 - Insignificant		

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**SECTION IV FIRE AND EXPLOSION HAZARDS**  
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**Flash Point and Method:** Non-flammable solid. Not applicable.

**Extinguishing Media:** Use water, carbon dioxide, or foam to extinguish fires.

**Special Firefighting Procedures and Precautions:** Wear self-contained positive pressure breathing apparatus and full fire fighting protective clothing.

**Unusual Fire and Explosion Hazards:** Product as shipped in pulverized form may generate dust in handling. Like all dry carbohydrates and most dry organic chemicals, the dust in the presence of a source of ignition carries a potential explosion hazard if the concentration in the air is too high. Good housekeeping procedures are required to minimize this potential hazard.

## SECTION V

## REACTIVITY DATA

**Stability:** Stable

**Conditions to Avoid:** Fires, sparks, excessive heat, will emit acrid smoke and fumes when heated to decomposition.

**Incompatibility (Materials to Avoid):** No specific information available.

**Hazardous Decomposition Products:** Thermal decomposition or burning will produce carbon dioxide, carbon monoxide.

**Hazardous Polymerization:** Will not occur.

## SECTION VI

## HEALTH HAZARD DATA

**Route(s) of Entry:** No specific information available.

**Health Hazards (Acute & Chronic):** This material is not considered hazardous under Dept. of Labor definition.

**Carcinogenicity:** Practically non-toxic.

**OSHA Regulations:** OSHA, PEL and ACGIH TLV for this product are based on nuisance dust/particulate values.

**Signs and Symptoms of Exposure:** Dust may cause moderate skin irritation with repeated or prolonged contact.

**Medical Conditions Generally Aggravated by Exposure:** No specific information available.

## EMERGENCY &amp; FIRST AID PROCEDURES

**Eye Contact:** Flush with water.

**Skin Contact:** Wash with mild soap and water.

**Inhalation:** Remove to fresh air. **IF CONDITIONS PERSIST:** Seek medical attention.

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**SECTION VI PRECAUTIONS FOR SAFE HANDLING AND USE**

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**Spill or Leak Procedures: Dry Powder** - Sweep up or vacuum immediately and put in disposal container. Eliminate ignition sources. **Wet Solution** - Wet material may become slippery. Dike spills to minimize contamination. Completely absorb with inert material. Sweep up or scoop up and place in disposal container. Immediately flush area with plenty of water and direct washings toward sanitary sewers (if permitted).

**Waste Disposal:** Dispose in local sanitary landfill in accordance with federal, state and local regulations. U.S. EPA does not define this product as shipped as hazardous waste under RCRA.

**Precautions to be Taken in Handling and Storing:** Store in cool, dry place to avoid deterioration of product. Keep containers closed to avoid moisture pick up. Avoid breathing dust when emptying container and wash hands after handling. Practice reasonable care and cleanliness.

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**SECTION VIII CONTROL MEASURES**

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**Respiratory Protection (Specify Type):** Properly fitted NIOSH approved dust or air-line respirators.

**Local Exhaust:** Recommended when appropriate to control employee exposure.

**Mechanical Exhaust:** Not recommended as sole means of controlling employee exposure.

**Protective Gloves:** Wear impervious gloves if skin contact can occur.

**Eye Protection:** Wear safety goggles if eye contact can occur.

**Other Protective Clothing and Equipment:** Safety shower, eye wash facility.

**Work/Hygienic Practices:** General good housekeeping procedures are recommended.