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Gum Arabic**MSDS No: #JAC1648 Effective Date: 12/01/02 Amendatory Date: 3/14/7****1. Product Identification**

Product Name: Gum Arabic
Product Code: JAC1648

2. Hazardous Ingredients

Hazardous Components: Non-hazardous

3. Physical Data

Boiling Point: N/A
Vapor Pressure: N/A
Vapor Density: N/A
Solubility in Water: N/A
Appearance: Off white to tan powder or granular. Bland odor.
Specific Gravity: >1.0
Melting Point: N/A
Evaporation Rate: N/A

4. Fire and Explosive Data

Flash Point: >200 degrees F
Extinguishing Media: Carbon dioxide, dry chemical or aqueous foams
Special Fire Fighting Procedures: Wear self-contained breathing apparatus and personal protective equipment when entering confined areas where product or combustion exist.
Unusual Fire or Explosive Hazards: Fumes produced when heated to decomposition may include carbon dioxide and carbon monoxide.

5. Reactivity Data

Stability: Stable
Polymerization: Will not occur
Incompatibility (materials to avoid): N/A
Hazardous Decomposition Products: May include carbon dioxide and carbon monoxide.

6. Health Effects Data

Routes of Entry: N/A
Threshold Limit Value: 10 mg/m3 based on nuisance particulate value for total and respirable dust.
Carcinogenic: N/A
Signs & Symptoms of Exposure: No specific information available. Inhalation of dust may produce a respiratory allergenic response in some individuals.
Medical Conditions Aggravated by Exposure: N/A

7. Emergency and First Aid Procedures

Eye Contact: Flush with copious quantities of water for at least 15 minutes. If irritation occurs or persists, obtain medical attention.
Skin Contact: Flush with water. If irritation occurs or persists obtain medical attention.
Ingestion: Practically nontoxic. No hazard expected. If appreciable quantities are swallowed, seek medical attention.

JUN 20 2012

Inhalation: Remove to fresh air. If discomfort occurs, obtain medical attention.

8. Employee Protection Recommendations

Eye Protection: Chemical safety goggles

Skin Protection: None

Respiratory Protection: NIOSH approved respirator

Ventilation: Local ventilation is recommended.

9. Spill or Leak Procedures

In Case Material is Released/Spilled: For dry powder, sweep and shovel up for disposal as solid waste. For wet material, dike spill, absorb with inert material and collect for disposal. Wet material is slippery.

Waste Disposal Method: Incinerate or dispose of material in landfill as permitted by federal, state and local laws.

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