## **SAFETY DATA SHEETS**

# This SDS packet was issued with item:

078907013

N/A

Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

DENTITY

ASTRINGENT BOLUS

Section I - Manufacturer Ameri-Pac, Inc. P.O. Box 1088 751 S. 4th Street

St. Joseph, MO 64502

Emergency Telephone Number: 800-424-9300 Chemires Telephone Number for Information: 816-233-4530

Date Prepared: 09/16/99

Section II - Hazardous Ingredients/Identity Information

Hazardous Components

OSHA PEL

ACGIH TLV

Other Limits

Recommended

% (Optional)

The ingredient below is listed as a Carcinogen by IARC

Tannic Acid

18.0-20,0%

Gallotannin (CAS# 1401-55-4)

The other ingredients are considered GRAS, but should be considered a nuisance dust when dust is generated.

Section III - Physical/Chemical Characteristics

Boiling Point: N/A
Vapor Pressure (ann Hg.); N/A
Vapor Density (AIR = 1); N/A

Solubility in Water: Partially Soluble

Appearance and Odor. Brown Bolus with Characteristic Odor

Specific Gravity (H<sub>2</sub>O = 1): Not Determined Melting Point: Not Determined

Evaporation Rate (Butyl Acetate = 1): N/A

### Section IV . Fire and Explosion Hazard Data

Dust can be an explosion hazard. Prevent buildup of dust on walls, floors, and equipment.

Fire Fighting Procedures: Prevent human exposure to fire, fames, smoke, and products of combustion. Evacuate non-essential personnel. Firefighters should wear full face, self-contained breathing apparatus and impervious protective clothing.

## Section V - Reactivity Data

Stability

Unstable

Conditions to Avoid

Stable X

Incompatibility (Materials to Avoid) Water

Hazardous Decomposition or Byproducts Oxides of Sulfar, Carbon Monoxide, Carbon Dioxide

Hazardous May Occur

Conditions to Avoid

Polymerization Will Not Occur X

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Section VI - Health Hazard Data

Route(s) of Entry:

Inhalation? Dust Only

5kin? No

Insestion? Yes

Date: 09/16/99

Health Hazards (Acute and Chronic)

Signs and Symptoms of Exposure: If dust gets in eyes, flush with clean water for 15 minutes. Call a physician. For skin irritation, wash with clean water for 15 minutes. Call a physician. Thoroughly clean all clothing and shoes before reuse.

Medical Conditions Generally Aggravated by Exposure: None currently known.

Emergency First Aid Procedures: Inhalation-if not breathing give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician. Ingestion-if swallowed, do not induce vomiting unless instructed to do so by a physician or poison control center. If vomiting occurs spontaneously, keep head below hips to prevent breathing of vomit into lungs. Call a physician or poison control center immediately.

#### Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Sweep up and dispose.

Waste Disposal Method: Material that cannot be used or chemically reprocessed should be disposed of at an approved facility in accordance with any applicable regulations under the Resource Conservation and Recovery Act. Dispose of material in accordance with all Federal, State, and local regulations. Local regulations may be more stringent than Federal or State.

Precautions to Be Taken in Handling and Storing: Do not generate dust from the boluses. Store in the containers in a cool, dry place.

#### Section VIII - Control Measures

Respiratory Protection (Specify Type) If dust is generated, wear NIOSH approved dust masks.

Ventilation:

Local Exhaust

Special

Mechanical (General)

Other

Protective Gloves: X

Eye Protection X - When dust may be present

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