

# MATERIAL SAFETY DATA SHEET

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## Product Designation

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Trade Name: Uterine Proteolytic Bolus

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## Section I – Hazardous Ingredients

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Chemical Name: NO HAZARDOUS CHEMICALS

Contains no components listed in 29CFR 1910.000 tables Z-1,Z-2,Z-3, nor any other pertinent sections of 29CFR 1919.0001 through 1910.1029. Non –toxic nuisance dust (OSHA –particles not otherwise classified)

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## Section II – Physical and Chemical Data

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Appearance: bolus tablet

Boiling Point, deg F: 275

Evaporation Rate: N/A

Vapor Pressure: N/A

Vapor Density (Air =1): N/A

Specific Gravity: 1.3

Solubility: 1 g/ml of water at 63 degrees F

Odor: Slight ammonia odor

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## Section III – Fire, Reactivity and Explosion Data

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Flash Point: Not combustible

Flammability Classification: N/A

Extinguishing Media: Foam, dry powder, or water.

Special Fire Fighting Procedures: In the event of fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

Unusual Fire and Explosion Hazards: At high temperatures, urea decomposes to form ammonia, cyanuric acid, and nitrogen oxides.

Stability: Stable, store in cool dry place.

Incompatibility: Avoid contact with strong oxidizers, acids, bases, and nitrates. Avoid containers, piping or fittings made of copper bearing alloys(brass, bronze, etc.) or galvanized metals. Urea forms an explosive salt with nitric acid. Reacts violently with gallium perchloride. Reacts with sodium hypochlorite or calcium hypochlorite to form nitrogen trichloride, which may explode spontaneously in air. Urea is incompatible with sodium nitrite, phosphorous pentachloride, and nitrosyl.

Hazardous Decomposition Products: Heating above 270 degrees F decomposes to biuret, ammonia cyanuric acid and nitrogen oxides.

Hazardous Polymerization: Will not occur.

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## Section IV – Health Hazard Data

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Effects of Overexposures – Long Term: At high dust concentrations, irritation of the eyes, skin, and mucous membranes by chemical or mechanical action may occur.

Effects of Overexposures – Ingestion: May cause gastrointestinal disturbances and mild CNS depression.

Skin: May cause irritation.

First Aid: Eye contact: Irrigate with water. Seek medical attention if irritation persists.

Skin contact: Wash with soap and water. Seek medical attention if red and irritated.

Inhalation: Remove to fresh air. Seek medical attention for any breathing difficulty.

Ingestion: Give large quantities of water to dilute the contents. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician immediately.

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#### **Section V – Permissible Exposure Limits**

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(OSHA, Manufacturer, Other): OSHA PEL = 5 mg/m<sup>3</sup>, ACGIH TLV = 10 mg/m<sup>3</sup> (TWA)

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#### **Section VI – Precautions, Spills and Disposal Data**

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Precautions for Handling and Storing: Store in cool dry place for maximum feed efficiency.

Waste Disposal Method: Dispose in approved solid waste disposal as per current regulations.

Spills or Leaks: Dry sweep, or vacuum material.

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#### **Section VII – Special Protection and Controls**

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Ventilation and Engineering Controls: Recommended

Respiratory Protection: Dust masks to avoid inhalation. OSHA standard 1910.134 specifications are recommended.

Protective Gloves and Clothing: Yes

Eye and Face Protection: Safety goggles are recommended.

Special Protective Measures for Maintenance Work: Avoid ignition sources, avoid creating clouds of dust.

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#### **Section VIII – MSDS Preparation Dates**

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Date Prepared: 03 / 27 /2008

Prepared By:

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#### **Contact Party**

**Manufacturer's Name and Address:**

**Emergency Telephone Number: 1-800-458-0194**

**Merrick's, Inc.**

**654 Bridge Street**

**Union Center, WI 53962**

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