MATERIAL SAFETY DATA SHEET - FROSTSHIELD UDDER BALM

SECTION 1 - PRODUCT INFORMATION

Manufacturer: Qualis, Inc., 4600 Park Avenue, Des Moines, IA 50321
Emergency Telephone: 800-334-4514
Other Information Calls: 515-243-3000
Date Prepared: 12/19/91

SECTION 2 - IDENTITY

Common Name (Trade Name & Synonyms): Medicated Udder Balm
Chemical Name: Proprietary Mixture
Chemical Family: Neutral Emollient Cream
Cas No: N/A
Formula: ZZ0208

SECTION 3 - HAZARDOUS INGREDIENTS

Principal Hazardous Component(s) chemical & common name(s): Methylsalicylate; Percent: 1.0%; Threshold Limit Value (units): *N/E

*Not Established

SECTION 4 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

Boiling Point: N/D (Not Determined)
Specific Gravity (H_2O = 1): 0.975
Vapor Pressure (mm Hg): N/D
Percent Volatile by Volume (%): N/D
Vapor Density (Air = 1): N/D
Evaporation Rate: N/D
Solubility in Water: Slightly soluble
Reactivity in Water: Stable
Appearance and Odor: Blue opaque paste, wintergreen odor.
Flash Point: >200°F
Flammable Limits in Air % by Volume: Lower: N/D; Upper: N/D
Extinguisher Media: CO_2, Dry Chemical Foam
Auto-Ignition Temperature: N/D
Special Fire Fighting Procedures: Not normally necessary; product not flammable.
Unusual Fire and Explosion Hazards: Exposure to heat will build up pressure in closed containers. Cool such exposed containers with a cool water stream.

SECTION 5 - PHYSICAL HAZARDS

Stability: Stable
Conditions to Avoid: None known.
Incompatability (Materials to Avoid): None known.
Hazardous Decomposition Products: Burning may produce carbon monoxide.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: None known.

SECTION 6 - HEALTH HAZARDS

Threshold Limit Value: Not established.
Signs and Symptoms of Exposure: Acute Overexposure: None normally experienced; Chronic Overexposure: None known.
Medical Conditions Generally Aggravated by Exposure: None known.
Chemical Listed as Carcinogen or Potential Carcinogen: National Toxicology Program: No; I.A.R.C. Monographs: No; OSHA: No
OSHA Permissible Exposure Limit: Not established; ACGIH Threshold Limit Value: Not established; Other Exposure Limit Used: N/A
Emergency and First Aid Procedures: None required.
Inhalation: N/A
Eyes: Wash with water for 15 minutes lifting upper and lower lids occasionally.
Skin: N/A
Ingestion: Induce vomiting; consult a physician.

SECTION 7 - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type): Not normally required.
Ventilation: N/A; Local Exhaust: N/A; Mechanical (General): N/A; Special: N/A; Other: N/A
Protective Gloves: Neoprene or rubber
Eye Protection: N/A
Other Protective Clothing or Equipment: None required.

SECTION 8 - SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in tightly sealed containers. Avoid elevated storage temperatures (>110°F).
OTHER PRECAUTIONS: None normally required.
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb on paper or sawdust. Flush and clean area with water.
WASTE DISPOSAL METHODS: Incinerate absorbent in a suitable furnace or bury in an approved landfill. Observe applicable local, state and federal laws.