

MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER: Cardinal Laboratories, Inc.
710 South Ayon Avenue
Azusa, CA. 91702
EMERGENCY TEL. 818/969-3797
EPA REG NO: 29909-2-21165
EPA ESTABLISHMENT NO: 29909-CA-1
PRODUCT NAME: PYRANHA PYRETHRIN SHAMPOO FOR HORSES AND DOGS

SECTION II - INGREDIENTS

ACTIVE INGREDIENTS:
Piperonyl Butoxide 0.50 % CAS# 51-03-6
Pyrethrins 0.05 % CAS# 8003-34-7
INERT INGREDIENTS: 99.45 %
100.00 %

SECTION III - PHYSICAL DATA

SPECIFIC GRAVITY (H2O=1): Approx 1.02 PERCENT VOLATILE BY VOLUME (%): N/A ODOR: Pleasant Odor
BOILING POINT (F) : N/A VAPOR DENSITY (Air=1): N/A APPEARANCE: Clear amber viscous liquid
VAPOR PRESSURE (mmHg.):N/A EVAPORATION RATE : N/A SOLUBILITY IN H2O: 100%

SECTION IV - FIRE HAZARD DATA

EXTINGUISHING MEDIA: Water spray, foam, carbon dioxide or dry chemicals SPECIAL PROCEDURES: None
FLAMMABLE LIMITS: N/A FLASH POINT (Method Used): None

SECTION V - HEALTH HAZARD

THRESHOLD LIMIT VALUE: Not Established EFFECT OF OVEREXPOSURE: Unknown
EMERGENCY AND FIRST AID PROCEDURES:
IF SWALLOWED: Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Call a physician immediately. Do not induce vomiting or give anything by mouth to an unconscious person. IF INHALED: Remove victim to fresh air. Apply artificial respiration if indicated. IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water. IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

SECTION VI - REACTIVITY DATA

STABILITY: Stable CONDITIONS TO AVOID: Direct heat INCOMPATABILITY (Materials to avoid): None
HAZARDOUS DECOMPOSITION PRODUCTS: Unknown HAZARDOUS POLYMERIZATION: Will not occur

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Soak up with an absorbent material, such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.
WASTE DISPOSAL METHOD: Do not contaminate food or feed by storage or disposal.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type): None PROTECTIVE GLOVES: Rubber or Impervious (optional)
VENTILATION: LOCAL EXHAUST: Normal ventilation MECHANICAL (General): Not required
EYE PROTECTION: Safety glasses or goggles (optional)

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store upright at room temperature. Do not use, pour, spill or store near heat or open flame. OTHER PRECAUTIONS: Keep out of reach of children.

SECTION IX - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not DOT regulated.