

SAFETY DATA SHEETS

This SDS packet was issued with item:

078594927

N/A

IVERMECTIN PASTE 1.87%**SECTION 1: IDENTIFICATION**

Product Identifier: Ivermectin Paste 1.87%

Material Name: Ivermectin

Recommended Use: Veterinary pharmaceutical paste, used for treatment and control of parasites in horses.

Restrictions on Use: For oral use in horses only. Not for use in humans. Not for use in horses intended for human consumption.

Manufacturer: **MED-PHARMEX INC.**
2727 Thompson Creek Road
Pomona, CA 91767

Business Hours: 8:30 a.m. to 5:00 p.m. Pacific Time Monday thru Friday

Telephone Number: 909-593-7875

Emergency Telephone: If over exposure occurs call your poison control center at
1-800-222-1222 ... Human Poison Control
1-888-426-4435 ... ASPCA Poison Control

SECTION 2: HAZARD(S) IDENTIFICATION

Product Description: White paste with no odor.

Classification of the Substance or Mixture: Veterinary Anthelmintic and Boticide oral paste.

Signal Word: **WARNING**

Hazard statement(s): Refrain from smoking and eating when using this product. Irritating to eyes, respiratory system and skin.
Possible risk of harm to the unborn child.
May be harmful if swallowed.

Precautionary statement(s): For use in horses only. Not for human use.
Avoid contact with skin. Wear suitable protective clothing and gloves.
Avoid contact with eyes. Wear eye/face protection.
Avoid exposure - obtain special instructions before use.
Keep away from food, drink and animal feeding stuffs.
In case of contact with eyes, rinse with plenty of water and contact a Doctor or Poison Control Center. If swallowed, immediately contact a Physician or Poison Control Center. Have this sheet handy for physician and/or Poison Control.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Concentration
Ivermectin	70288-86-7	1.87%

SECTION 4: FIRST AID MEASURES**Description of First Aid Measures:**

In case of eye contact:	In case of eye contact, immediately rinse eyes thoroughly with plenty of water. If wearing contact lenses, remove only after initial rinse, and continue rinsing eyes for at least 15 minutes. If irritation occurs or persists, consult a physician.
In case of ingestion:	Do not induce vomiting unless under the direction of a qualified medical professional or Poison Control Center. IMMEDIATELY consult a physician. Do not attempt to give anything by mouth to a seizing, drowsy or unconscious person. If alert, rinse mouth and drink a glass of water.
In case of skin contact:	In case of skin contact, while wearing protective gloves, carefully remove any contaminated clothing, including shoes, and wash skin thoroughly with soap and water. If irritation or symptoms occur or persist, consult a physician.
In case of inhalation:	Remove to fresh air. If any trouble breathing, get immediate medical attention. Administer artificial respiration if breathing has ceased. If irritation or symptoms occur or persist, consult a physician.

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Carbon dioxide (CO ₂), extinguishing powder or water spray.
Flammable Properties and Hazards:	Under normal conditions of use, this material does not present a significant fire or explosion hazard.
Flash Pt:	No Data Available
Explosive Limits:	Under normal conditions of use, this material does not present a significant fire or explosion hazard.
Auto-ignition Pt:	No Data Available
Fire Fighting Instructions:	Wear full protective clothing and self-contained breathing apparatus (SCBA).

SECTION 6: ACCIDENTAL RELEASE MEASURES

Protective Precautions, Protective Equipment and Emergency Procedures: Wear appropriate personal protective equipment. Keep personnel away from the clean-up area. Avoid dust formation, dampen with water to prevent dusting before sweeping. Avoid breathing dust, vapors, mist or gas. Ensure adequate ventilation. For personal protection see section 8.

Environmental Precautions: Do not let product enter drains. Ivermectin is very toxic to certain aquatic species. Avoid contact of spilled material with runoff and surface waterways.

Methods and Material for Containment and Clean Up: All spills should be handled according to site requirements and based on precautions cited in the SDS. In the case of liquids, use proper absorbent materials. For laboratories and small-scale operations, incidental spills within a hood or enclosure should be cleaned by using a vacuum or wet cleaning methods as appropriate. For large dry or liquid spills or those spills outside enclosure or hood, appropriate emergency response personnel should be notified. In manufacturing and large-scale operations, vacuuming prior to wet mopping or cleaning is required. Dispose in accordance with local, state and federal regulations regarding health, water and air pollution.

SECTION 7: HANDLING AND STORAGE

Precautions for safe Handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation in places where dust and aerosols are formed.

Conditions for safe storage, including any incompatibilities: Keep container tightly closed in a dry and well ventilated place. Store at room temperature between 20-25°C (68-77°F). Store upright and out of direct sunlight. Store away from ignition sources. Wash face, hands, and any exposed skin after handling. Do not eat, drink, or smoke when using this substance or mixture.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

The purpose of the Occupational Exposure Band (OEB) classification system is to separate substances into different Hazard categories when the available data is sufficient to do so, but inadequate to establish an Occupational Exposure Limit (OEL). The OEB given is based upon an analysis of all currently available data; as such, this value may be subject to revision when new information becomes available.

Ventilation And Engineering Controls: Use with adequate ventilation. Follow standard medical product handling procedures. During decontamination of work surfaces, workers should wear the same equipment recommended in Section 6 (Accidental Release Measures) of this SDS.

Personal Protection Equipment:

- Eye Protection:** Not normally needed during normal use. Use of safety glasses with side shields, goggles or full face protection may be required based on hazard, potential for contact, or level of exposure.
- Protection Gloves:** For situations in which prolonged skin contact is anticipated gloves that provide an appropriate barrier to the skin are recommended if there is potential for contact with this material.
- Respiratory Protection:** A respirator is not required for routine conditions of use of this product. Respiratory protective equipment (RPE) may be required for certain laboratory and large-scale manufacturing tasks if potential airborne breathing zone concentrations of substances exceed the relevant exposure limit(s). Workplace risk assessment should be completed before specifying and implementing RPE usage. If respiratory protection is needed, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, or Canadian CSA Standard Z94.4-02.
- Protective Clothing:** During patient administration, use of lightweight cotton gown or other medical attire is recommended. In small-scale or laboratory operations, lab coats or equivalent protection is required. Disposable Tyvek or other dust impermeable suit should be considered based on procedure or level of exposure. Use of additional PPE such as shoe coverings, gauntlets, hood, or head covering may be necessary. Consult your site safety staff for guidance.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties:

Appearance: White paste.	Odor: No odor.
Physical State: Paste	Odor Threshold: No Data Available
Freezing Point: No Data Available	Melting Point: No Data Available
Boiling Point: No Data Available	Flammability: No Data Available
Flash Point: No Data Available	Evaporation Rate: No Data Available
Explosive Limits: No Data Available	Relative Density: No Data Available
Vapor Pressure: No Data Available	Vapor Density: No Data Available
Specific Gravity: No Data Available	Viscosity: No Data Available
Solubility in Water: Miscible	Solubility Notes: No Data Available
Autoignition Point: No Data Available	Other Information: No Data Available
Percent Volatile: No Data Available	pH: No Data Available

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions and recommended storage conditions.

Reactivity: No data available

Possibility of Hazardous Reactions: No data available

Conditions to Avoid: Open flames and high temperatures.

Incompatibility: No Data Available

Materials to Avoid: As a precautionary measure, keep away from strong oxidizers.

Hazardous Decomposition Products: No data available

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects:

The toxicological properties of the mixture(s) have not been fully characterized in humans or animals. Therefore, laboratory or process control systems and appropriate work practices should be in place to minimize the potential for inhalation exposure, skin contact, eye contact, or ingestion when working with this material. Only information about the ingredients that are expected to contribute significantly to the potential health hazard profile of the formulation(s) is presented.

Carcinogenicity: No Data Available.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: No specific environmental toxicity data available for this formulation.

SECTION 13: Disposal considerations

Waste Disposal Method: Disposal must be in accordance with applicable federal, state, and/or local regulations.

SECTION 14: Transport information

Transport: This material is not subject to the transportation regulations of DOT, IATA, IMO, and the ADR.

SECTION 15: Regulatory information

Regulatory Information Statement: No Data Available.

SECTION 16: OTHER INFORMATION

Last Revision Date: January 1, 2015

Disclaimer: The information contained in this Safety Data Sheet is provided in good faith and is accurate to the best of our knowledge. However, the manufacturer assumes no warranties expressed or implied. Users of these products are advised to verify that the information is suitable to their particular purposes prior to their use of them.

MATERIAL SAFETY DATA SHEET

IVERMECTIN PASTE 1.87%

PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: Ivermectin Paste 1.87% For Horses

CHEMICAL FAMILY: Compound

MANUFACTURER: MED-PHARMEX INC.
2727 Thompson Creek Road
Pomona California 91767

BUSINESS HOUR: 8:30 a.m. to 5:00 p.m. Pacific Time Monday thru Friday

TELEPHONE NUMBER: (909) 593-7875

COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name:	PERCENTAGE
• Ivermectin Comp Bla	0.1 – 1.0 %
• Ivermectin Comp Blb	0.1 – 1.0 %

PHYSICAL AND CHEMICAL PROPERTIES

- Physical States: Solid Boiling Point: N.A. Melting Point: N.A.
- Specific Gravity(Water=1):
- Vapor Pressure (VS. Air or MM HG): Vapor Density (VS. Air =1) :
- Evaporation Rate (VS Butyl Acetate=1): Solubility in Water: NA
- Other Solubility Notes: Dispersible Percent Volatile by Volume: NA PH
- Appearance and Color: Clear, colorless paste

FIRE AND EXPLOSION HAZARD DATA

- Flash Point, Flammable Limits: N.A. Method Used:
- Explosive Limits: LEL: NE UEL: NE
- Extinguishing Media: Use water spray or all purpose dry chemical.
- Fire Fighting Instructions: Firefighters should wear self-contained breathing apparatus and full protective equipment.
- Flammable Properties and Hazards: None known
- Hazardous Combustion Products:

HEALTH HAZARD DATA

- Emergency Overview

Route(s) of Entry: Inhalation: No Skin: Yes Eyes: Yes Ingestion: Yes

Potential Health Effects: Acute and Chronic

Carcinogenicity: NTP: No IARX Monographs: NO OSHA Regulated: No

Carcinogenicity/Other Information:

Ivermectin is not listed as a carcinogen with NTP, OSHA, or IARC.

Signs and Symptoms of Exposure: None known

Medical Conditions Generally Aggravated by Exposure: None known

- Emergency and First Aid Procedures:

Ingestion: If accidental swallowed occurs, get medical attention immediately.

Eye Contact: Immediately flush eyes with plenty of water for 15 minutes. Seek medical attention if irritation persists.

Inhalation: N/A

Skin contact: Wash contact area with soap and water. Remove contaminated clothing and wash before reuse. If irritation occurs or persists, get medical attention.

STABILITY AND REACTIVITY DATA

- Stability: Stable Conditions to Avoid – Instability: NE
- Incompatibility – Materials to Avoid: None known
- Hazardous Decomposition or Byproducts: None known
- Hazardous Polymerization: Will not occur
- Conditions to Avoid-Hazardous Polymerization: None known.

ACCIDENTAL RELEASE MEASURES

- Steps To Be Taken In Case Material is Released or Spilled: Shovel spill into disposal containers. Rinse spill site with detergent and water. Use suitable protective gear.

HANDLING AND STORAGE

- Hazard Label Information: Do Not Smoke. Avoid contact with eyes, skin and clothing. Wash hands after use.
- Precautions in Handling: Store in cool dry place away from heat of sunlight. Refrain from smoking and eating when handling. Wash hands after use. Avoid contact with eyes.
- Other precautions: Keep out of reach of children. Not for human use. Do not use in horses intended for food purposes.

EXPOSURE CONTROL/PERSONAL PROTECTION

- Respiratory Equipment (specify type): None
- Gloves: Wear rubber gloves
- Eye Protection: Wear safety goggles
- Avoid Getting on Clothing: Yes
- Other Protective Clothing: None needed except for manufacturing situations or large spills or product.
- Engineering Controls (ventilation etc.): Local Exhaust: Sufficient Special:
Mechanical (Gen): Others:
- Work/Hygienic/Maintenance Practices: Wash hands before eating, smoking, or using restroom.

NOTE:

THE INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET IS PROVIDED IN GOOD FAITH AND IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, THE MANUFACTURER ASSUMES NO WARRANTIES EXPRESSED OR IMPLIED. USERS OF THESE PRODUCTS ARE ADVISED TO VERIFY THAT THE INFORMATION IS SUITABLE TO THEIR PARTICULAR PURPOSES PRIOR TO THEIR USE OF THEM.