



ZEROMEC

PREMIX FOR PIGS

Abbey Animal Health Pty Ltd

SAFETY DATA SHEET

Section 1- Identification of Product and Supplier

Supplier Company Details: Abbey Animal Health Pty Ltd
Address: 16 Voyager Circuit, Glendenning NSW 2761, Australia
Telephone Number: 02 8088 0720
Facsimile Number: 02 8088 0721
Emergency Number: Australian Poisons Information Centre: 13 11 26 (24 Hour service).

PRODUCT NAME

ZEROMEC PREMIX FOR PIGS

PRODUCT USE

For the treatment and control of gastrointestinal roundworms, kidney worms, lungworms, lice and mange mites in pigs.

Section 2- Hazards Identification

Statement of Hazardous Nature This product is classified as: Classified as hazardous according to the criteria of SWA.

ADG Classification: None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

GHS Signal Word: DANGER.

Pictogram:



HAZARD STATEMENT:

H302: Harmful if swallowed.
H360: May damage fertility or the unborn child.
H402: Harmful to aquatic life.

PREVENTION

- P102: Keep out of reach of children.
P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P262: Do not get in eyes, on skin, or on clothing.
P264: Wash contacted areas thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P273: Avoid release to the environment.
P281: Use personal protective equipment as required.

RESPONSE

- P337: If eye irritation persists: seek medical attention.
P352: Wash with plenty of soap and water.
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P308+P313: If exposed or concerned: Get medical advice.
P370+P378: In case of fire, use carbon dioxide, dry chemical, foam, water fog.

STORAGE

- P410: Protect from sunlight.
P402+P404: Store in a dry place. Store in a closed container.
P403+P235: Store in a well-ventilated place. Keep cool.

DISPOSAL

- P501: Dispose of contents and containers as specified on the registered label.

Section 3- Composition / Information on Ingredients

INGREDIENTS:

Chemical Name	CAS No.	Content (%w/w)
Ivermectin	70288-86-7	6mg/g
Other non-hazardous Ingredients	Secret	to 100

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other nonhazardous ingredients are also present.

Section 4- First Aid Measures

Call Poisons Information Centre Phone Australia 131 126, if you feel that you may have been poisoned or irritated by this product.

Eyes: Quickly and gently brush particles from eyes. No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. Take special care if exposed person is wearing contact lenses.

Skin: Gently brush away excess solids. Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.

Inhalation: First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

Ingestion: If swallowed, do NOT induce vomiting. Wash mouth with water and contact a Poisons Information Centre or call a doctor.

Section 5- Fire Fighting Measures

Flash Point: Does not burn

Minimum Ignition Temperature of Dust Layer: Not applicable - does not burn.

Extinguishing Media: Not Combustible. Use extinguishing media suited to burning materials.

Unusual Fire and Explosion Hazards: As a finely divided material, may form dust mixtures in air which could explode if subjected to an ignition source.

Hazardous Combustion Products: May emit toxic fumes when exposed to heat or fire.

Section 6 - Accidental Release Measures

Spills: This product is sold in small packages, and the accidental release from one of these is not usually a cause for concern. For minor spills, clean up, rinsing to sewer and put empty container in garbage. Although no special protective clothing is normally necessary because of occasional minor contact with this product, it is good practice to wear impermeable gloves when handling chemical products. In the event of a major spill, prevent spillage from entering drains or water courses and call emergency services.

Section 7 - Handling and Storage

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Storage: This product is a Scheduled Poison. Observe all relevant regulations regarding sale, transport and storage of this schedule of poison. Protect this product from light. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Check packaging - there may be further storage instructions on the label.

Section 8 - Exposure Controls / Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment.

Respiratory equipment: **AS/NZS1715**, Protective Gloves: **AS2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: AS/NZS2210.

SWA Exposure Limits **TWA (mg/m3)** **STEL (mg/m3)**

Exposure limits have not been established by SWA for any of the significant ingredients in this product.

The ADI for Ivermectin is set at 0.01mg/kg/day. The corresponding NOEL is set at 0.1 mg/kg/day. ADI means Acceptable Daily Intake; NOEL means No-observable-effect-level. Data from Australian ADI List, September 2020.

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: No special ventilation requirements are normally necessary for this product. However make sure that the work environment remains clean and that dusts are minimised.

Eye Protection: Eye protection such as protective glasses or goggles is recommended when this product is being used.

Skin Protection: The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when skin contact is likely.

Protective Material Types: We suggest that protective clothing be made from the following materials: Cotton, rubber, PVC.

Respirator: If there is a significant chance that dusts are likely to build up in the area where this product is being used, we recommend that you use a suitable Dust Mask.

Safety deluge showers should, if practical, be provided near to where this product is being handled commercially.

Section 9 - Physical and Chemical Properties

Appearance:	Free flowing yellow to light brown meal with no aggregation present.
Odor:	Odorless
Boiling Point:	No applicable information found
Melting Point:	No specific data
Specific Gravity:	No applicable information found
pH:	No data
Evaporation Rate:	No applicable information found
Water Solubility:	Insoluble
Vapor Density:	No applicable information found
Vapor Pressure:	No applicable information found

Section 10 - Stability and Reactivity

Chemical stability: Stable under normal ambient and anticipated storage conditions of temperature and pressure.

Incompatibility: May react with strong acids, strong bases, strong oxidising agents.

Fire Decomposition: Only small quantities of decomposition products are expected from this products at temperatures normally achieved in a fire. This will only occur after heating to dryness. Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas in reducing atmospheres. Oxides of sulfur (sulfur dioxide is a respiratory hazard) and other sulfur compounds. Most will have a foul odour. Hydrogen chloride gas, other compounds of chlorine. Water. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

Conditions to Avoid: Protect this product from light. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight.

Polymerisation: This product will not undergo polymerisation reactions.

Section 11 - Toxicological Information

ALWAYS READ AND FOLLOW THE LABEL INSTRUCTIONS AND SAFETY DIRECTIONS

TOXICITY TO ANIMALS :

Ivermectin is a SWA Class 2 Reproductive risk, may cause harm to the unborn child.

Test	Species	Route	Result
LD ₅₀	Mouse	Oral	25 mg/kg
LD ₅₀	Rat	Oral	50 mg/kg
LD ₅₀	Rat (Infant)	Oral	2 to 3 mg/kg
LD ₅₀	Rat	Inhalation	(*See notes below)
LC ₅₀	Rat	Dermal	> 660 mg/kg
LC ₅₀	Rabbit	Dermal	406 mg/kg
LC ₅₀	Dog	Oral	About 80 mg/kg
LC ₅₀	Rhesus Monkey	Oral	> 24 mg/kg

*Maximum attainable concentration of 5.11 mg/L produced transient irritation of mucous membranes, but no deaths or other signs of toxicity after 1 hour exposure.

Swallowed The acute oral toxicity studies of Ivermectin have shown clear differences among species in sensitivity to Ivermectin toxicity. Rodents are uniquely sensitive compared to the other species in which the compound has been tested. It is therefore inappropriate to base human risk assessment on the response in mice. Ivermectin is used at a therapeutic dose of 200µg/kg in a variety of species, including humans.

Section 12 - Ecological Information

Ivermectin is extremely toxic to aquatic species. Do not contaminate dams, rivers streams or other waterways with the chemical or used container.

Section 13 - Disposal Considerations

DISPOSAL

For pack sizes < 1kg:

Dispose of empty container by wrapping with paper and putting in garbage.

For pack sizes > 1kg:

Shake and empty contents into medicated water. Do not dispose of undiluted chemicals on site. Shred empty containers and bury in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Empty containers and product should not be burnt.

Section 14 - Transport Information

No specific transport considerations apply since *ZEROMEK PREMIX FOR PIGS* is NOT classified as a dangerous good according to Australian Dangerous Goods (ADG) Code.

During transportation, Store below 25°C (Air conditioning) in a dry place. Protect from light.

Section 15 - Regulatory Information

Poisons Schedule: S5

APVMA Approval Number: 87145

Approved Pack Size: 1kg, 25 kg, 333 kg, 5kg.

For more information please refer to the APVMA approved product label

Section 16 – Other Information

Abbey Animal Health Pty Ltd

Telephone Number: 02 8088 0720

Facsimile Number: 02 8088 0721

Emergency Number: Australian Poisons Information Centre: 13 11 26 (24 Hour service).

This Safety Data Sheet (SDS) summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace.

Each user must review this SDS in the context of how the product will be handled and used in the workplace.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

***Note: This SDS is valid for 5 years from the effective date.**