



MOXXI

POUR-ON FOR CATTLE AND RED DEER

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

Telephone Number: 02 8088 0720

Facsimile Number: 02 8088 0721

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

PRODUCT NAME

MOXXI POUR ON FOR CATTLE AND RED DEER

PRODUCT USE

For the treatment and control of Moxidectin sensitive internal and external parasites in cattle and for the treatment and control of lungworm and gastrointestinal roundworms of red deer.

Section 2- Hazards Identification

Statement of Hazardous Nature: This product is classified as: Xn-Harmful, Xi-Irritant. Hazardous according to the criteria of SWA.

ADG Classification: None allocated. Not classified as a Dangerous Good according to the Australian Dangerous Goods (ADG) Code.

Poisons Schedule: S5

GHS Signal Word: WARNING.

Hazard Pictograms



GHS Classification

Skin Corrosion/Irritation Category 2, Serious Eye Damage Category 1, Specific target organ toxicity - single exposure Category 3 (narcotic effects), Aspiration Hazard Category 1, Acute Aquatic Hazard Category 3, Chronic Aquatic Hazard Category 3.

HAZARD STATEMENTS

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H336: May cause drowsiness or dizziness.

H412: Harmful to aquatic life with long lasting effects.

PREVENTION

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P261: Avoid breathing mist/vapours/spray.

P273: Avoid release to the environment.

RESPONSE

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P331: Do NOT induce vomiting.

P362: Take off contaminated clothing and wash before reuse.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P332+P313: If skin irritation occurs: Get medical advice/attention.

STORAGE

P405: Store locked up.

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

DISPOSAL

P501: Dispose of contents and containers as specified on the registered label and in accordance with local regulations.

Section 3- Composition / Information on Ingredients

INGREDIENTS:

Chemical Name	CAS Number	Conc, %
Moxidectin	113507-06-5	0.5
Hydrocarbon solvent	Secret	15.0
Non-hazardous ingredients	secret	to 100

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.

SAFETY DIRECTIONS

Poisonous if swallowed. May irritate the nose and throat. Will irritate eyes and skin. Avoid contact with eyes and skin. Do not inhale. Wash hands after use.

Swallowed: For advice, contact a Poisons Information Centre or a doctor at once. Urgent hospital treatment is likely to be needed. If swallowed do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Transport to hospital or doctor without delay.

Inhaled: If fumes or combustion products are inhaled remove from contaminated area. Lay patient down. Keep warm and rested. Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures. Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary. Transport to hospital, or doctor.

Skin Contact: Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.

Eye Contact: Immediately hold eyelids apart and flush the eye continuously with running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Transport to hospital or doctor without delay. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Section 5- Fire Fighting Measures

Fire and Explosion Hazards: Combustible. Slight fire hazard when exposed to heat or flame. Heating may cause expansion or decomposition leading to violent rupture of containers. On combustion, may emit toxic fumes of carbon monoxide (CO). May emit acrid smoke. Mists containing combustible materials may be explosive.

Combustion products include: Carbon dioxide (CO₂), acrolein, other pyrolysis products typical of burning organic material.

May emit poisonous fumes. May emit corrosive fumes.

Extinguishing Media: Foam, Dry chemical powder, BCF (where regulations permit), Carbon dioxide, Water spray or fog - Large fires only.

Fire Incompatibility: Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result.

Fire fighting: Alert Fire Brigade and tell them location and nature of hazard. Wear full body protective clothing with breathing apparatus. Prevent, by any means available, spillage from entering drains or water course. Use water delivered as a fine spray to control fire and cool adjacent area. Avoid spraying water onto liquid pools. **DO NOT** approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire.

Section 6 - Accidental Release Measures

Accidental release: In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum, wear overalls, goggles and gloves. No special recommendations for clothing materials. Eye/face protective equipment should comprise as a minimum, protective goggles. If there is a significant chance that dusts are likely to build up in cleanup area, we recommend that you use a suitable dust mask.

Stop leak if safe to do so and contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage and dispose of promptly. Consider vacuuming if appropriate. Recycle containers wherever possible after careful cleaning. Refer to product label for specific instructions. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. Full details regarding disposal of used containers, spillage and unused material may be found on the label. If there is any conflict between this SDS and the label, instructions on the label prevail. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

Section 7 - Handling and Storage

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Avoid contact with skin and eyes. Avoid formation of dust. Provide appropriate exhaust ventilation at places where dust is formed. Keep away from heat. Keep away from sources of ignition.

Storage: Store below 30°C (Room Temperature). Protect from light. Make sure that the product does not come into contact with substances listed under "Incompatible materials " 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/NZS 1715**, Protective Gloves: **AS 2161**, 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 this product.

No special equipment is usually needed when occasionally handling small quantities

Workplace Exposure Standards: No exposure limits have been established for this product.

The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: This product should only be used in a well-ventilated area. If natural ventilation is inadequate, use of a fan is suggested.

Eye Protection: Protective glasses or goggles must be worn when this product is being used. Failure to protect your eyes may lead to severe harm to them or to general health.

Skin Protection: Prevent skin contact by wearing impervious gloves and clothes; protective clothing can be made from the following materials: rubber, PVC. Make sure that all skin areas are covered.

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.

Section 9 - Physical and Chemical Properties

Physical Description & colour: Clear violet oily solution.

Boiling Point: Not applicable.

Freezing/Melting Point: No data.

Volatiles: No data.

Water Solubility: Soluble in water.

pH: No data.

Evaporation Rate: Not applicable.

Viscosity: Not applicable.

Autoignition temp: No data.

Section 10 - Stability and Reactivity

Stability: Product is stable under normal conditions of storage.

Incompatible materials: Avoid reaction with oxidising agents. Avoid strong acids, bases.

Section 11 - Toxicological Information

ACUTE TOXICITY

Moxidectin

Oral (rat)	LD50	106 mg/kg
Dermal (Rabbit)	LD50	>2000 mg/kg

Hydrocarbon solvent

Oral (rat)	LD50	>4500 mg/kg
Inhalation (rat)	LD50	>7331.62 mg/L/8h
Dermal (rabbit)	LD50	>1900 mg/kg

Ingestion: Swallowing of the liquid may cause aspiration of vomit into the lungs with the risk of hemorrhaging, pulmonary oedema, progressing to chemical pneumonitis; serious consequences may result. Signs and symptoms of chemical (aspiration) pneumonitis may include coughing, gasping, choking, burning of the mouth, difficult breathing, and bluish coloured skin (cyanosis). Accidental ingestion of the material may be damaging to the health of the individual. Large amounts may produce narcosis with nausea and vomiting, weakness or dizziness, slow and shallow respiration, swelling of the abdomen, unconsciousness and convulsions. Myocardial injury may produce arrhythmias, ventricular fibrillation and electrocardiographic changes. Central nervous system depression may also occur. Light aromatic hydrocarbons produce a warm, sharp, tingling sensation on contact with taste buds and may anaesthetize the tongue. Aspiration into the lungs may produce coughing, gagging and a chemical pneumonitis with pulmonary oedema and hemorrhage.

Inhalation: Inhalation of vapours may cause drowsiness and dizziness. This may be accompanied by narcosis, reduced alertness, loss of reflexes, lack of coordination and vertigo. Inhalation of vapours or aerosols (mists, fumes), generated by the material during the course of normal handling, may be damaging to the health of the individual.

Skin: Repeated exposure may cause skin cracking, flaking or drying following normal handling and use.

Eye: May cause irritation, redness, pain and possible damage.

Section 12 - Ecological Information

Potential Environmental Considerations: Moxidectin 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

For containers 1L or less: Dispose of container by wrapping with paper and putting in garbage.
For containers greater than 1L: Triple or (preferably) pressure rinse the container and dispose of rinsate in compliance with relevant local, state or territory government. If recycling, replace cap and return clean container to recycler or designated collection point. If not recycling, break, crush, or

puncture container and deliver to an approved waste management facility. If an approved waste management facility is not available, bury the broken, crushed or punctured containers 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

Section 14 - Transport Information

No specific transport considerations apply since *MOXXI POUR-ON FOR CATTLE AND RED DEER* is NOT classified as a dangerous good according to Australian Dangerous Goods (ADG) Code.

Section 15 - Regulatory Information

Poisons Schedule: S5

APVMA Approval Number: 87886

Approved pack size: 500mL, 1L, 2L, 2.2L, 2.5L, 5L, 10L, 10.5L, 15L, 15.75L, 17L, 20L, 25L

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) summarizes 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 till 5 years from effective date**