



SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **Mectin Pour on for Cattle**
Product Class: Anthelmintic
Product Use: Endoparasiticide
Restriction of Use: Refer to Section 15

New Zealand Manufacturer: **Jaychem Industries Ltd**
Address: **3 Kordel Place**
East Tamaki, Auckland

Telephone: +64 9 274 6647
Fax Number: +64 9 274 1358

Emergency Telephone: 0800 764 766 (National Poison Centre)

Date of SDS Preparation: 30 January 2018

Section 2. Hazards Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

EPA Approval No: HSR007710

Pictograms



Toxic/Irritant Chronic Ecotoxic

Signal Word: **DANGER**

| HSNO Classification | Hazard Code | Hazard Statement | GHS Category |
|---------------------|--------------|--|--------------------------------------|
| 3.1D | H227 | Combustible liquid. | Flam. Liq. 4 |
| 6.1D (oral) | H302 | Harmful if swallowed. | Acute Tox. 4 |
| 6.3B | H316 | Causes mild skin irritation. | Skin Irrit. 3 |
| 6.4A | H319 | Causes serious eye irritation. | Eye Irrit. 2A |
| 6.8B | H361 | Suspected of damaging fertility or the unborn child. | Repr. 2 |
| 6.8C | H362 | May cause harm to breast-fed children. | Lact. |
| 6.9B | H373 | May cause damage to organs through prolonged or repeated exposure. | STOT RE 2 |
| 9.1A | H400 H410 | Very toxic to aquatic life with long lasting effects. | Aquatic Acute 1 Aquatic Chronic 1 |
| 9.2C | H423 | Harmful to the soil environment. | |
| 9.3C | H433 | Harmful to terrestrial vertebrates. | |

| | | | |
|------|------|--|--|
| 9.4A | H441 | Very toxic to terrestrial invertebrates. | |
|------|------|--|--|

| Prevention Code | Prevention Statement |
|-----------------|---|
| P102 | Keep out of reach of children. |
| P103 | Read label before use. |
| P201 | Obtain special instructions before use. |
| P202 | Do not handle until all safety precautions have been read and understood. |
| P260 | Do not breathe fumes, vapours or spray. |
| P263 | Avoid contact during pregnancy/while nursing. |
| P264 | Wash hands thoroughly after handling. |
| P270 | Do not eat, drink or smoke when using this product. |
| P273 | Avoid release to the environment. |
| P280 | Wear protective clothing. |
| P281 | Use personal protective equipment as required. |

| Response Code | Response Statement |
|------------------|--|
| P101 | If medical advice is needed, have product container or label at hand. |
| P314 | Get medical advice/attention if you feel unwell. |
| P330 | Rinse mouth. |
| P391 | Collect spillage. |
| P301 + P312 | IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. |
| P305 + P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P308 + P313 | IF exposed or concerned: Get medical advice/ attention. |
| P332 + P313 | If skin irritation occurs: Get medical advice/ attention. |
| P337 + P313 | If eye irritation persists: Get medical advice/attention. |
| P370 + P378 | In case of fire: Use media suitable for surrounding materials. |

| Storage Code | Storage Statement |
|--------------|--|
| P405 | Store locked up. |
| P403 + P235 | Store in a well-ventilated place. Keep cool. |

| Disposal Code | Disposal Statement |
|---------------|--|
| P501 | Dispose of according to Local Regulations or Authorities |

Section 3. Composition / Information on Hazardous Ingredients

| Ingredients | Wt% | CAS NUMBER. |
|--------------------------|---------|-------------|
| Abamectin | 1.05 | 71751-41-2 |
| Butyl Glycol Ether | >90 | 111-76-2 |
| Butylated hydroxytoluene | 0.1-0.5 | 128-37-0 |

Section 4. First Aid Measures

Routes of Exposure:

| | |
|--------------|--|
| If in Eyes | Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice. |
| If on Skin | Wash with plenty of soap and water. If skin irritation occurs: get medical advice/attention. |
| If Swallowed | Do not induce vomiting. Wash out mouth thoroughly with water. Never give anything to the mouth of an unconscious person. If vomiting occurs, place victim face downwards, with the head turned to the side and lower |

than the hips to prevent vomit entering the lungs. Seek medical attention if needed.

If Inhaled

Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Apply artificial respiration if not breathing. Get medical advice if breathing becomes difficult.

Most important symptoms and effects, both acute and delayed

Symptoms:

Ingestion: Harmful if swallowed.

Inhalation: Not applicable.

Skin: Causes mild skin irritation.

Eye: Causes serious eye irritation.

Chronic: Suspected of damaging fertility or the unborn child.

May cause harm to breast-fed children.

May cause damage to organs through prolonged or repeated exposure.

Section 5. Fire Fighting Measures

| | |
|---|---|
| Hazard Type | Combustible |
| Hazards from combustion products | Oxides of carbon, possible toxic fumes |
| Suitable Extinguishing media | Use media suitable for surrounding materials. |
| Precautions for firefighters and special protective clothing | Wear full protective gear. |
| HAZCHEM CODE | 3Z |

Section 6. Accidental Release Measures

Wear protective gear as detailed in Section 8. Evacuate all unnecessary personnel. Contain the spill and prevent further dispersion.

Do not allow to enter waterways.

Absorb spills with inert material and place in waste containers. Wash the area with water and absorb with further inert material. Collect spilled material and place in sealable containers for subsequent disposal.

Dispose of waste according to the applicable local and national regulations.

Section 7. Handling and Storage

Precautions for Handling:

- Keep out of reach of children.
- Read label before use.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Do not breathe fumes, vapours or spray.
- Avoid contact during pregnancy/while nursing.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Avoid release to the environment.
- Wear protective clothing.
- Use personal protective equipment as required.

Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Store locked up.
- Store in a well-ventilated place. Keep cool.
- Keep containers securely sealed.

| Section 8 | Exposure Controls / Personal Protection |
|-----------|---|
|-----------|---|

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

| Substance | TWA | | STEL | |
|--------------------------------------|-----|-------------------|------|-------------------|
| | ppm | mg/m ³ | ppm | mg/m ³ |
| Butylated hydroxytoluene [128-37-0] | - | 10 | - | - |
| Butyl glycol ether (skin) [111-76-2] | 25 | 121 | - | - |

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices NOV 2017 9TH EDITION.

Engineering Controls

Ensure that ventilation maintains dust levels below WES.

Personal Protection Equipment

| | |
|--------------------|---|
| Eyes | Wear goggles with side shields. Avoid wearing contact lenses. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them. |
| Skin | Clothing should consist of overalls with long sleeves and impervious gloves. Wear protective goggles. |
| Respiratory | Use Respiratory protection in areas of poor ventilation |

| Section 9 | Physical and Chemical Properties |
|-----------|----------------------------------|
|-----------|----------------------------------|

| | |
|---|----------------|
| Appearance | Clear Solution |
| Colour | Yellow |
| Odour | Not available |
| Odour Threshold | Not available |
| pH | Not available |
| Boiling Point | Not available |
| Melting Point | Not available |
| Freezing Point | Not available |
| Flash Point | Not available |
| Flammability | Not available |
| Upper and Lower Explosive Limits | Not available |
| Vapour Pressure | Not available |
| Vapour Density | Not available |
| Specific Gravity | 0.903 – 0.997 |
| Water Solubility | Not available |
| Partition Coefficient: | Not available |
| Auto-ignition Temperature | Not available |
| Decomposition | Not available |

| | |
|---------------------------------|---------------|
| Temperature | |
| Kinematic Viscosity | Not available |
| Particle Characteristics | Not available |

Section 10. Stability and Reactivity

| | |
|---|--|
| Stability of Substance | This product is stable under normal conditions. |
| Conditions to Avoid | Not available |
| Incompatible Materials | Strong acids, strong bases, strong oxidizing agents |
| Hazardous Decomposition Products | No hazardous products are expected, except when heated to decomposition. |

Section 11 Toxicological Information

Acute Effects:

| | |
|-------------------|--------------------------------|
| Swallowed | Harmful if swallowed. |
| Dermal | Not applicable. |
| Inhalation | Not applicable. |
| Eye | Causes serious eye irritation. |
| Skin | Causes mild skin irritation. |

Chronic Effects:

| | |
|-------------------------------|--|
| Carcinogenicity | Not applicable. |
| Reproductive Toxicity | Suspected of damaging fertility or the unborn child. May cause harm to breast-fed children. |
| Germ Cell Mutagenicity | Not applicable. |
| Aspiration | Not applicable. |
| STOT/SE | Not applicable. |
| STOT/RE | May cause damage to organs through prolonged or repeated exposure. |

Toxicity: Substances

Abamectin = LD50(Oral, rats) = 10mg/kg

Section 12. Ecotoxicological Information

HSNO Classes: 9.1A = Very toxic to aquatic life with long lasting effects.
9.2C = Harmful to the soil environment.
9.3C = Harmful to terrestrial vertebrates.
9.4A = Very toxic to terrestrial invertebrates.

| | |
|--------------------------------------|-------------------|
| Persistence and degradability | No data available |
| Bioaccumulation | No data available |
| Mobility in Soil | No data available |
| Other adverse effects | No data available |

Section 13. Disposal Considerations

Disposal Method:

Spent media that has removed toxic chemicals should be examined for specific hazards. Spilled product may be recovered for use if it has not come in contact with liquids or been exposed to significant amounts of gaseous contaminants. Dispose of according to Local Regulations.

Ensure any container holding waste product or contaminated spill media is labelled "Hazardous Waste – Ecotoxic" and that the label also has the Ecotoxic Pictogram, waste type identifier, and the business name, address, and phone number.

Precautions or methods to avoid: Avoid release to the environment.

Section 14 Transport Information

This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2012

Road and Rail Transport

UN No: 3082
Class-primary 9
Packing Group III
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Air Transport

UN No: 3082
Class-primary 9
Packing Group III
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Marine Transport

UN No: 3082
Class-primary 9
Packing Group III
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Marine Pollutant: Yes

Limited Quantities Statement:

If the product's individual container is below 5L/kg, it can be transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG.

Section 15 Regulatory Information

New Zealand:

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

EPA Approval Code: HSR007710

HSNO Classification: 3.1D, 6.1D(oral), 6.3B, 6.4A, 6.8B, 6.8C, 6.9B, 9.1A, 9.2C, 9.3C, 9.4A

| HSW (HS) Regulations 2017 | | Trigger Quantity |
|---|--|--|
| Signage Trigger Quantities (Schedule 3) | | 100Kg (9.1A) |
| Emergency Response Plan (Schedule 5) | | 100Kg (9.1A) |
| Secondary Containment (Schedule 5) | | 100Kg (9.1A) |
| Tracking (Schedule 26) | | Not required |
| HSNO Additional Controls (Restrictions of use) | | |
| None allocated | | |
| Hazardous Property Controls Notice 2017 | | |
| HPC Notice Part 4 Clause 47 | | Equipment for class 9 substances must be appropriate |
| HPC Notice Part 4 Clause 48 | | Records of application of class 9 pesticides and plant growth regulators |
| HPC Notice Part 4 Subpart A | | Site and storage controls for class 9 substances |
| ACVM Act and Regulations | | |
| ACVM Approval No | | A010046 |

Section 16 Other Information

Product Name: Mectin Pour on for Cattle
Date of SDS: 30 January 2018

Prepared by: Technical Compliance Consultants (NZ) Ltd
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Glossary

| | |
|------------------|---|
| EC ₅₀ | Median effective concentration. |
| EEL | Environmental Exposure Limit. |
| EPA | Environmental Protection Authority |
| HSNO | Hazardous Substances and New Organisms. |
| HSW | Health and Safety at Work. |
| LC ₅₀ | Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it. |
| LD ₅₀ | Lethal dose to kill 50% of test animals/organisms. |
| LEL | Lower explosive level. |
| OSHA | American Occupational Safety and Health Administration. |
| TEL | Tolerable Exposure Limit. |
| TLV | Threshold Limit Value-an exposure limit set by responsible authority. |
| UEL | Upper Explosive Level |
| WES | Workplace Exposure Limit |

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2017 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC (NZ) have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, TCC (NZ) Ltd accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

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Please contact the New Zealand distributor, Jaychem, if further information is required.

Issue Date: 30 January 2018 Review Date: 30 January 2023