

Jaychem Industries Limited  
**MATERIAL SAFETY DATA SHEET**

Date Prepared: 12 July 2012

**1. PRODUCT IDENTIFICATION:**

<b>Product Name:</b>	<b>Aviverm</b> 50mL, 250mL, 5L
<b>UN Number:</b>	NA
<b>Product Type:</b>	Endoparasiticide
<b>Product Class:</b>	Anthelmintic
<b>Manufacturer:</b>	Jaychem Industries Ltd.
<b>Address:</b>	3 Kordel Place, East Tamaki, Auckland.
<b>Telephone:</b>	09 274 6647
<b>Fax</b>	09 274 1358
<b>Use:</b>	Worm remedy for fowls, turkeys, ducks, cage birds and pigeons

**2. COMPOSITION/ INFORMATION ON INGREDIENTS:**

<b>Proprietary:</b>	No
<b>Ingredient:</b>	<b>Levamisole Hydrochloride</b>
<b>Ingredient Sequence Number:</b>	01
<b>Percent:</b>	24%
<b>CAS Number:</b>	16595-80-5

<b>Proprietary:</b>	No
<b>Ingredient:</b>	<b>Water</b>
<b>Ingredient Sequence Number:</b>	02
<b>Percent:</b>	>75
<b>CAS Number:</b>	

**MATERIAL SAFETY DATA SHEET****3. HAZARDS IDENTIFICATION:**

<b>Hazard Classification:</b>	6.1C (oral) Toxic if swallowed 6.5B Dermal sensitiser 6.6B Suspected human mutagen 6.9A (oral) Toxic to human target organs or systems 9.3B Toxic to terrestrial invertebrates
<b>Priority identifiers</b>	Handle with care. If undiluted Aviverm is spilled or splashed on to the skin or eyes, wash of it immediately with liberal quantity of water
<b>Secondary identifiers</b>	No
<b>Risk Phrases</b>	R20 / 21 / 22 - Harmful by inhalation, in contact with skin and if swallowed. R25 – Toxic if swallowed.
<b>Safety Phrases</b>	S28 – After contact with skin, wash immediately with plenty of water. S36 / 37 / 39 – Wear suitable protective clothing, gloves and eye/face protection. S45 – In case of accident or if you feel unwell seek medical advice immediately

**4. FIRST AID MEASURES:**

For advice contact the National Poisons Centre on 0800 POISON (0800 764 766) or a doctor immediately.

Observe good work practices to avoid skin and eye contact and wash hands and exposed skin before meals and after use.

Eyes – If splashed in eyes wash out immediately with water

Ingestion – If swallowed seek medical attention. Do NOT induce vomiting

Skin – If skin or hair contact occurs remove contaminated clothing and flush skin and hair with soap and running water.

Inhalation – Remove to fresh air

**MATERIAL SAFETY DATA SHEET****5. FIRE FIGHTING MEASURES:**

<b>Flash Point:</b>	NA
<b>Lower Explosive Limit:</b>	NA
<b>Upper Explosive Limit:</b>	NA
<b>Extinguishing Media:</b>	Small fire: Use DRY chemical powder. Large fire: Use ater spray, fog or foam. Do not allow water to enter drains.
<b>Unusual Fire and Explosive Hazards:</b>	Slightly flammable in presence of open flames or sparks.

**6. ACCIDENTAL RELEASE MEASURES:**

<b>Emergency Procedures</b>	Wear suitable protective clothing. Restrict access to contaminated area. Contain the spill and prevent further dispersion. Retrieve intact containers from site. Place damage containers into containment devices. 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. Avoid contamination of water courses or sewers.
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**7. HANDLING AND STORAGE:**

<b>Suitable Container</b>	Packaging as recommended by manufacturer. Check that containers are clearly labelled.
<b>Storage Site Requirements</b>	Store in a cool, dry and well-ventilated area. Protect containers against physical damage. Check regularly for spills and leaks.
<b>Approved Handlers</b>	Not required.
<b>Store Site Requirements</b>	Not required.
<b>Packaging</b>	Not required.

**MATERIAL SAFETY DATA SHEET****8. EXPOSURE CONTROL/ PERSONAL PROTECTION:**

<b>Eyes</b>	Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.
<b>Body/Hands/Feet</b>	Wear protective goggles and gloves.
<b>Exposure standards outside the workplace</b>	TELs and EELs are not set at this time
<b>Engineering controls</b>	Ensure that ventilation maintains dust levels below WES

**9. PHYSICAL DESCRIPTION/PROPERTIES:**

<b>Appearance</b>	Clear yellowish / orange solution
<b>pH</b>	3.0 – 4.0
<b>Specific gravity</b>	1.00 – 1.22

**10. STABILITY AND REACTIVITY:**

<b>Stability of substance</b>	Stable under normal conditions of use and storage
<b>Conditions to Avoid</b>	None
<b>Material to Avoid</b>	Excess heat, reactive with oxidizing agents
<b>Hazardous Decomposition Products</b>	No hazardous products are expected, except when heated to decomposition
<b>Hazardous Polymerisation</b>	Components are not expected to form hazardous components
<b>Specific data</b>	NA

**11. TOXICOLOGICAL INFORMATION:**

<b>Data Summary</b>	Levamisole HCl is toxic to animals [LD50 (oral, rats) 180mg/kg]. Human health effects are considered unlikely if the product is used according to the label, high dose exposure may cause adverse reproductive effects. May affect genetic material (mutagenic).
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	Classified Reproductive system/toxin/female – POSSIBLE. May cause damage to the following organs: blood, lungs, immune system, central nervous system.
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**12. ENVIRONMENTAL INFORMATION:**

<b>Potential Environmental Interactions</b>	Possible hazardous short term degradation products are not likely. However, long term degradation product may arise.
<b>Environmental Risk and Safety Phrase</b>	Not applicable

**13. DISPOSAL CONSIDERATIONS:**

<b>Disposal</b>	Preferably dispose of by use. Otherwise dispose of product and packaging at an approved landfill or other approved facility. Do not use container for any other purpose
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**14. TRANSPORT INFORMATION:**

<b>Relevant Information</b>	Not classified as Dangerous goods for the purposes of road and rail transport
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**15. REGULATORY INFORMATION:**

<b>Regulatory Status</b>	Registered pursuant to the ACVM Act 1997, No.A1106
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**16. OTHER INFORMATION:**

As of the date of preparation of this document, the foregoing information is believed to be accurate and is provided in good faith. However, no warranty or representation with respect to such information is intended or given.
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