

Jaychem Industries Limited
MATERIAL SAFETY DATA SHEET

Date Prepared: 16 June 2015

1. PRODUCT IDENTIFICATION:

Product Name:	Gold Drench for Sheep and Cattle
UN Number:	NA
Product Type:	Endoparasiticide
Product Class:	Anthelmintic
Manufacturer:	Jaychem Industries Ltd.
Address:	3 Kordel Place, East Tamaki, Auckland.
Telephone:	09 274 6647
Fax	09 274 1358
Use:	A broad spectrum sheep drench containing Levamisole HCl for the control of susceptible gastrointestinal roundworms and lungworms in sheep and cattle

2. COMPOSITION/ INFORMATION ON INGREDIENTS:

Product	Quantity in formulation	CAS number
Levamisole hydrochloride	40 mg/mL	16595-80-5
Sodium selenate	0.5 mg/mL	13410-01-0
Cobalt Sulphate	0.25 mg/mL	10026-24-1
Copper Sulphate	2.6 mg/mL	7758-99-8
Zinc Sulphate	0.7 mg/mL	7732-02-0
Potassium Iodide	1.3 mg/mL	7681-11-0
Inert materials	>90%	-

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3. HAZARDS IDENTIFICATION:

Hazard Classification:	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
Priority identifiers	Handle with care. If undiluted Gold Drench is spilled or splashed on to the skin or eyes, wash of it immediately with liberal quantity of water
Secondary identifiers	No
Risk Phrases	R20 / 21 / 22 - Harmful by inhalation, in contact with skin and if swallowed. R25 - Toxic if swallowed.
Safety Phrases	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

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5. FIRE FIGHTING MEASURES:

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

6. ACCIDENTAL RELEASE MEASURES:

Emergency Procedures	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:

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

8. EXPOSURE CONTROL/ PERSONAL PROTECTION:

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

9. PHYSICAL DESCRIPTION/PROPERTIES:

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

10. STABILITY AND REACTIVITY:

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

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11. TOXICOLOGICAL INFORMATION:

Data Summary	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). 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:

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

13. DISPOSAL CONSIDERATIONS:

Disposal	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:

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

Regulatory Status	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.