



CROSS VETPHARM GROUP

MATERIAL SAFETY DATA SHEET

According to EC Directive 2001/58/EEC

Prepared: April 2017

Issue No: 3

1. Identification of the Chemical Substance and company identification	4. First Aid Measures																		
<p>Product Name: Endospec 2.5% SC</p> <p>Synonyms: Keelogane 2.5%, Ovidrench 2.5% SC</p> <p>Use/ Application: Oral Drench Anthelmintic for Cattle and sheep.</p> <p>Company Undertaking Identification: Cross Vetpharm Group Ltd., Broomhill Road, Tallaght, Dublin 24, Ireland.</p> <p>Emergency Telephone Number: +353 1 4515011</p>	<p>Eyes: Holding eyelids apart, wash immediately with plenty of eyewash solution or clean water for several minutes. Seek medical advice.</p> <p>Skin: Using gloves, remove contaminated clothing. Wash off immediately with soap and water. If irritation occurs or persists, seek medical attention.</p> <p>Ingestion: If swallowed accidentally, wash out mouth with water and seek medical attention. Do not induce vomiting.</p> <p>Inhalation: If there is respiratory distress, remove patient to a well ventilated room or fresh air.</p> <p>Medical Information: Treat symptomatically. For specialist advice doctors should contact the nearest Poisons Information Centre.</p>																		
2. Composition/Information on Ingredients	5. Fire Fighting Measures																		
<table border="1"> <thead> <tr> <th style="text-align: left;">Ingredient</th> <th style="text-align: left;">CAS No.</th> <th style="text-align: left;">Hazard Classification</th> </tr> </thead> <tbody> <tr> <td>Albendazole</td> <td>54965-21-8</td> <td>None</td> </tr> <tr> <td>Citric acid</td> <td>77-92-9</td> <td>Xi: R36/37/38</td> </tr> <tr> <td>Cobalt sulphate</td> <td>10124-43-3</td> <td>Xn, N: R20/22, R36/37/38, R43, R50/53</td> </tr> <tr> <td>Propylene glycol</td> <td>57-55-6</td> <td>Xn: R21/22, R61</td> </tr> <tr> <td>Sodium Selenite</td> <td>10102-18-8</td> <td>T+, Xi, M: R28, R38, R41, R63/63</td> </tr> </tbody> </table>	Ingredient	CAS No.	Hazard Classification	Albendazole	54965-21-8	None	Citric acid	77-92-9	Xi: R36/37/38	Cobalt sulphate	10124-43-3	Xn, N: R20/22, R36/37/38, R43, R50/53	Propylene glycol	57-55-6	Xn: R21/22, R61	Sodium Selenite	10102-18-8	T+, Xi, M: R28, R38, R41, R63/63	<p>Extinguishing Media: Water, foam or CO₂. Not classified as flammable.</p> <p>Fire and Explosion Hazards: Oxides of carbon, nitrogen and sulphur are likely during a fire.</p> <p>Protective Measures and Equipment: Wear self-contained breathing apparatus and appropriate protective clothing. Measures have to be taken to prevent the contaminated extinguishing agent from seeping into the ground or from spreading uncontrollably.</p>
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3. Hazards Identification	6. Accidental Release Measures																		
<p>Human: The product is considered to have low acute oral toxicity. This can be avoided by taking the correct protective measures.</p> <p>Chronic: Possible risk of harm to the unborn child.</p> <p>Environment: Not regarded as dangerous to the environment.</p>	<p>Personal Precautions: For large spillages, evacuate area. Wear PVC gloves, PVC boots, resistant overalls and eye/face protection. Avoid personal contact with the product.</p> <p>Environmental Precautions: Avoid contamination of surrounding areas, soakaway, water-courses, ground and waste water. Alert competent authorities immediately of any discharges into watercourses, drains or sewers.</p> <p>Methods for cleanup/recovery: For large spillages contain spillage with sand, earth or any suitable absorbent or inert material. Transfer to container for disposal. With a reputable waste contractor. For small spillages mop up with cloth and placed in a suitably labelled, closed container to await disposal.</p>																		

<p>7. Handling and Storage</p> <p>Handling: Read instructions before use. Do not eat, drink or smoke when using. Wear suitable protective clothing. Wash hands after use.</p> <p>Storage: Store only in closed original containers (below 25°C and above freezing). Keep out of reach and sight of children, and away from feedstuffs and other sensitive material.</p> <p>Specific use: Use only for the intended purpose.</p>	<p>10. Stability and reactivity</p> <p>Stability: Stable for two years from the date of manufacture when stored unopened below 25°C.</p> <p>Conditions to Avoid: Protect from light, including direct rays from the sun.</p> <p>Materials to Avoid: Strong acids, strong bases, strong oxidising agents.</p> <p>Hazardous Decomposition Products: When heated to decomposition, albendazole may emit toxic fumes of nitrous oxides and sulphur oxides.</p>
<p>8. Exposure Controls / Personal Protection</p> <p>Engineering Measures: Avoid unnecessary exposure to the product. Practice normal good hygiene.</p> <p>Personal Protective Equipment: Avoid contact with eyes and skin. Use protective gloves. Heavy-duty cotton or synthetic fabric working clothes. Goggles or faceshield recommended. Wash promptly if skin becomes contaminated. Change working clothes daily.</p> <p>Respiratory: None required.</p> <p>Occupational exposure limits: None listed.</p>	<p>11. Toxicological Information</p> <p>Inhalation: No data available.</p> <p>Skin Contact: (Dermatitis has been reported in man following contact with Albendazole) Rat LD₅₀ = 3000 mgkg⁻¹. (Sodium selenite) Mouse subcutaneous LD₅₀ = 13 mgkg⁻¹.</p> <p>Eye Contact: (May cause irritation).</p> <p>Ingestion: (Albendazole) Rat oral LD₅₀ = 2400 mgkg⁻¹. Mouse oral LD₅₀ 1500 mgkg⁻¹. (Cobalt sulphate) Rat oral LD₅₀ = 424 mgkg⁻¹. Mouse oral LD₅₀ 584 mgkg⁻¹. (Sodium selenite) Rat oral LD₅₀ = 7 mgkg⁻¹. Mouse oral LD₅₀ 7080 mgkg⁻¹</p> <p>Carcinogenicity: No carcinogenic effects.</p> <p>Chronic: (Albendazole) Rat oral TDL₀ = 71 mgkg⁻¹ (8-15 days after conception) specific development abnormalities. Domestic animals TDL₀ = 20 mgkg⁻¹ (17 days after conception) effects on weaning or lactation of newborn. (Sodium selenite) Rat oral TDL₀ = 1966 mgkg⁻¹ (continuous for 1 year) Normocytic anaemia, reproductive & tumorigenic effects. Mouse oral TDL₀ = 1966 mgkg⁻¹ (continuous for 2 years) Structural or functional changes in trachea and bronchi.</p>
<p>9. Physical/Chemical Properties</p> <p>Appearance: A pale green free flowing suspension.</p> <p>Odour: Practically Odourless.</p> <p>pH: 4.5 – 5.5.</p> <p>Boiling Point: No data available.</p> <p>Melting Point: 205 – 210°C.</p> <p>Flash Point: No data available.</p> <p>Flammability / Autoflammability: No data available.</p> <p>Explosive/Oxidising Properties: Not applicable.</p> <p>Vapour Pressure: No data available.</p> <p>Relative Density: 1.106.</p> <p>Solubility in Water/Fat: Soluble in water.</p> <p>Partition Coefficient: No data available.</p>	<p>12. Ecological Information</p> <p>Mobility: No data available.</p> <p>Persistence and Degradability: Biodegradable.</p> <p>Bioaccumulative potential: No data available.</p> <p>Aquatic toxicity: No data available.</p> <p>Birds: No data available.</p> <p>Effect on Effluent Treatment: No data available.</p> <p>Other: Not regarded as dangerous to the environment.</p>

<p>13. Disposal Considerations</p> <p>Product: Pay attention to protective clothing and measures. Cover up product with absorptive material such as sand, soil, diatomaceous earth, etc. Collect material in specially marked, tightly closing containers. Hose down the area for a prolonged period. Heavily contaminated soil has to be dug out down to clean soil. For large quantities dispose via an authorised disposal contractor.</p> <p>Containers: Used containers should be flushed out with plenty of water and disposed of in domestic waste, taking care to avoid spillage or leakage. For large quantities dispose via an authorised disposal contractor.</p> <p>Special Environmental Handling Procedures: Do not allow product to reach ground water, watercourses, sewage or drainage systems.</p>	<p>15. Regulatory Information</p> <p>Legal Categories:</p> <p>An oral suspension for use as a broad spectrum multi-purpose anthelmintic for the control of mature and developing immature forms of gastrointestinal roundworms, lungworms, tapeworms and adult liver fluke in cattle and sheep. The product is also ovicidal against fluke and roundworm eggs.</p> <p>UK: POM-VPS Prescription only Medicine – to be supplied only on veterinary prescription by a veterinary surgeon or suitably qualified person.</p> <p>IRL: LM Licensed Merchant, for sale or supply only from a pharmacy, from a premises for which an Animal Remedies Merchant's Licence relates, or by a registered veterinary surgeon for the treatment of animals under his/her care.</p>
<p>14. Transport Information</p> <p>Packaging (Size & Description): High Density Polythene Containers (2.5, 5 & 10 litre) and high-density polythene closures with expanded polyethylene liners.</p> <p>Transport Classification: Not classified as dangerous.</p> <p>Substance ID No: None</p> <p>Proper Shipping Name: None</p> <p>ICAO/IATA/IMDG Class: Not Classified</p> <p>Subsidiary Risk: None</p> <p>Packing Group: None</p> <p>ADR Class: Not subject to ADR provisions.</p> <p>Transport Hazard Symbol: None</p> <p>Emergency Action Code: None.</p> <p>Other: N/A</p>	<p>16. Other Information</p> <p>R - Safety Phrases: Xi</p> <p>None</p> <p>S - Safety Phrases:</p> <p>S2 - Keep out of reach and sight of children. S7/9 - Keep container tightly closed in a well ventilated place. S13 - Keep away from food, drink and animal feeding stuffs. S24/25 - Avoid contact with eyes and skin. S35 - the material and its contents must be disposed of in a safe way. S37/39 - Wear suitable protective gloves and eye/face protection.</p>
<p>Training Instructions: Not Applicable</p>	<p>Revisions to the safety data sheet:</p> <p>Issue 1: Prepared September 1997 to comply with 1991/155/EEC Issue 2: Prepared September 2010, to comply with 2001/58/EEC</p>
<p>Disclaimer</p>	
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