




Horizon Abamec Pour On for Cattle

SECTION 1: IDENTIFICATION

Product name:	Horizon Abamec Pour On for Cattle
ACVM Registration No:	A11818
Recommended use:	For the treatment and control of internal parasites, including lungworm and lice in cattle
Supplier:	HORIZON AGRESOURCES (NZ) LTD
Address:	Gloucester Court 250 Gloucester St, Napier 4112, New Zealand
Contact number:	0800 378 6300
Emergency contact number:	0800 734 607 (24 hours)
National Poisons Centre:	0800 764 766 (0800 POISON)
Document version and date:	1.0 27 July 2020

SECTION 2: HAZARD IDENTIFICATION

EPA Approval number:	HSR100682
Hazard Classifications:	6.1D (O), 6.1E (D), 6.3B, 6.4A, 6.8B, 6.8C, 6.9B (O), 6.9B (I), 9.1A, 9.2C, 9.3C, 9.4A
GHS Signal word:	WARNING
GHS pictogram:	  
Hazard statement:	<p>H302: Harmful if swallowed.</p> <p>H313: May be harmful in contact with skin.</p> <p>H316: Causes mild skin irritation.</p> <p>H320: Causes eye irritation.</p> <p>H361: Suspected of damaging fertility or the unborn child.</p> <p>H362: May cause harm to breast-fed children.</p> <p>H373: May cause damage to organs through prolonged or repeated oral and inhalation exposure.</p> <p>H400I: Very toxic to aquatic life.</p> <p>H423: Harmful to the soil environment.</p> <p>H433: Harmful to terrestrial vertebrates.</p> <p>H441: Very toxic to terrestrial invertebrates.</p>
Prevention:	<p>P102: Keep out of reach of children.</p> <p>P103: Read label before use.</p> <p>P201: Obtain special instructions before use.</p> <p>P202: Do not handle until all safety precautions have been read and understood.</p> <p>P260: Do not breathe vapours.</p> <p>P263: Avoid contact during pregnancy/while nursing.</p> <p>P264: Wash hands and exposed skin thoroughly after handling.</p> <p>P270: Do not eat, drink or smoke when using this product.</p> <p>P281: Use personal protective equipment as required.</p> <p>P273: Avoid release to the environment.</p>

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Response:	<p>P101: If medical advice is needed, have product container or label at hand.</p> <p>P312: Call a POISON CENTER or doctor/physician if you feel unwell.</p> <p>P301 + P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.</p> <p>P330: See first aid instruction on the label.</p> <p>P332 + P313: If skin irritation occurs: Get medical advice/ attention.</p> <p>P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337 + P313: If eye irritation persists: Get medical advice/attention.</p> <p>P308 + P313: IF exposed or concerned: Get medical advice/ attention.</p> <p>P314: Get medical advice/attention if you feel unwell.</p> <p>P391: Collect spillage.</p>
Storage:	P405: Store locked up.
Disposal:	P501: Dispose of contents and containers as specified on the registered label.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Product ingredients	CAS Number	Concentration
Abamectin	71751-41-2	1%
Diethylene glycol monobutyl ether	112-34-5	>80%
Remaining ingredients are commercially sensitive and cannot be disclosed in a public document.		

SECTION 4: FIRST AID MEASURES

General information	<p>For advice contact the National Poisons Centre on 0800 POISON (0800 764 766), or a doctor immediately.</p> <p>Observe good work practices and avoid skin and eye contact.</p> <p>Wash hands and exposed skin before meals and after use.</p> <p>Do not eat or drink while using.</p> <p>Launder protective clothing separately from other clothing, and before each re-use.</p>
Inhalation:	Remove to fresh air.
Skin contact:	If skin or hair contact occurs remove contaminated clothing and flush skin and hair with running water.
Eye contact:	If splashed in eyes wash out immediately with water.
Ingestion:	If swallowed seek medical attention immediately. Have product container to hand. Rinse mouth out. Do NOT induce vomiting.
Workplace facilities:	No special facilities required.
Notes for medical personnel:	Apply symptomatic therapy.

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SECTION 5: FIRE FIGHTING MEASURES

Fire and explosion hazards:	Non-flammable, Non-combustible. Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Water. May form toxic mixtures in air and may accumulate in sumps, pits and other low-lying spaces, forming potentially explosive mixtures.
Extinguishing media	In case of fire, use Sprayed water jet, foam, dry chemical powder, CO2 and sand.
Fire fighting	Self-contained breathing apparatus. Safety boots, non-flammable overalls, gloves, hat and eye protection.
Flash point:	110°C
Auto ignition temperature:	No data available
Flammability class:	No data available

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear suitable protective clothing. Avoid contact with skin, eyes and clothing. Restrict access to contaminated area. Contain the spill and prevent further dispersion. Retrieve intact containers from site. Place damaged containers into containment devices.
Environmental precautions:	Absorb spills with inert material, and place in waste containers. Wash the area with water and absorb with further inert material. Prevent washings from entering waterways Collect spilled material and place in sealable containers for subsequent disposal. Prevent contamination of water courses or sewers. Dispose of waste safely.
Methods and materials for containment and cleaning up:	<p>MAJOR SPILLS</p> <p>Slippery when spilt.</p> <ol style="list-style-type: none"> 1: Clear area of personnel. 2: Alert Fire Brigade and tell them location and nature of hazard. 3: Control personal contact by using protective equipment as required. 4: Prevent spillage from entering drains or waterways. 5: Contain spill with sand, earth or vermiculite. 6: Collect recoverable product into labelled containers for recycling. 7: Absorb remaining product with sand, earth or vermiculite and place in appropriate containers for disposal. 8: Wash area and absorb further with inert material. Prevent runoff into drains or waterways. 9: If contamination of drains or waterways occurs, advise emergency services. <p>Minor Spills:</p> <p>Slippery when spilt.</p> <ol style="list-style-type: none"> 1: Clean up all spills immediately. 2: Avoid breathing vapours and contact with skin and eyes. 3: Control personal contact by using protective equipment. 4: Contain and absorb spill with sand, earth, inert material or vermiculite. 5: Wipe up. 6: Place in a suitable labelled container for waste disposal.

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SECTION 7: HANDLING AND STORAGE

Handling:	Wash hands and exposed skin thoroughly after handling. Do not breathe vapours.
Certified handler:	No
Tracking:	No
Storage:	Store below 25°C. Protect from sunlight. Store in original container and keep it well closed. Do not store with food. Keep out of reach of children. Check all containers are clearly labelled and free from leaks.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Occupational exposure limits:	No data available
Engineering controls:	Prevent exposure by using personal protective equipment and work practices that prevent skin and eye contact. General exhaust is adequate under normal operating conditions. If risk of overexposure exists, wear SAA approved respirator. Correct fit is essential to obtain adequate protection. Provide adequate ventilation in warehouse or closed storage areas.
Protective material types:	Observe good work place practices and avoid contact with skin and eyes. Wear overalls, safety glasses and neoprene gloves when handling. Wear eye / face protection. In case of inadequate ventilation wear respiratory protection.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid
Odour:	Specific odour
Odour threshold:	No data available
pH:	5.0 – 8.0
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flash point:	110°C
Flammability:	No data available
Upper/lower flammability or explosive limits:	No data available
Vapour pressure:	Not applicable
Vapour density:	No data available
Relative density:	0.95 – 1.1
Solubility (ies):	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Kinematic viscosity:	No data available

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SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Stable under normal conditions of use and storage.
Conditions to Avoid:	No specific conditions to avoid
Incompatibilities:	No specific materials to avoid.
Hazardous decomposition products:	Hazardous decomposition products are expected when heated to decomposition temperatures. Use appropriate PPE when fighting fires.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity:	Abamectin: (Oral) LD50 Rat 8.7-12.8 mg/kg
Aspiration hazard:	No data available
Respiratory irritation:	No data available
Skin corrosion/irritation:	No data available
Serious eye damage/ irritation:	No data available
Respiratory or skin sensitisation:	No data available
Germ cell mutagenicity:	No data available
Carcinogenicity:	No data available
Reproductive toxicity:	Abamectin: (Oral) Suspected human reproductive or developmental toxicants Produce toxic human reproductive or developmental effects on or via lactation
Specific organ toxicity:	Abamectin: Toxic to human target organs or systems Primary Organ: Neurotoxicity (nervous system) Diethylene glycol monobutyl ether: (Oral, Inhalation) Harmful to human target organs or systems

SECTION 12: ECOLOGICAL INFORMATION

Aquatic:	Abamectin: (Other) Very ecotoxic in the aquatic environment EC50 Eastern Oyster (<i>Crassostrea virginica</i>) 48 hr 430 ppb (= 0.430 mg/l) (Fish) Acute: Species: LC50 Rainbow trout 96 hr 3.6 ppb (= 0.0036 mg/l) Chronic: LOEC Rainbow Trout 0.0093 ppb (=0.0000093 mg/l) (Crustacean) Acute: EC50 Daphnia magna 48 hr 0.34 ppb (= 0.00034 mg/l) Chronic: NOEC Daphnia magna 21 days 0.03 ppb (= 0.00003 mg/l)
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Terrestrial:	Abamectin: Very ecotoxic to terrestrial vertebrates LD50 Rat 8.7-12.8 mg/kg Very ecotoxic to terrestrial invertebrates LD50 Bee 0.002 ug/bee
Soil:	Abamectin: Very ecotoxic in the soil environment
Persistence and degradability:	No
Bioaccumulative:	No
Mobility in soil:	Soil DT 50 > 30 days: yes
Other adverse effects:	No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal:	<p>Preferably dispose of the product by its intended use.</p> <p>If this isn't possible, dispose of product and packaging at an approved landfill or other approved hazardous waste disposal facility.</p> <p>Avoid contamination of any water source.</p> <p>Preferably recycle empty container using a suitable drench container recovery program (e.g. AgRecovery: for details visit the site http://www.agrecovery.co.nz/programmes/container-recycling)</p> <p>If this isn't possible then burn empty container in an appropriate incinerator, providing circumstances permit; i.e. suitable wind direction.</p> <p>Otherwise crush or puncture and bury in a suitable landfill.</p> <p>Do NOT re-use container for any other purpose.</p>
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SECTION 14: TRANSPORT INFORMATION

UN Number:	3082
UN proper shipping name:	Environmentally hazardous substance, Liquid, N.O.S. (Abamectin)
UN dangerous goods class and subsidiary risk:	9
UN Packaging Group:	III
Environmental hazards:	Marine pollutant
Special precautions when transporting the substance:	<p>Hazchem code: 3Z</p> 

SECTION 15: REGULATORY INFORMATION

EPA Approval number:	<p>HSR100682</p> <p>See www.epa.govt.nz for controls</p>
ACVM No:	<p>A11818</p> <p>See www.foodsafety.govt.nz for registration conditions</p>

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SECTION 16: OTHER INFORMATION	
Abbreviations:	<p>ACVM: Agricultural Compounds and Veterinary Medicines</p> <p>EPA: Environmental Protection Agency</p> <p>CAS Number: Chemical Abstracts Service Registry Number</p> <p>HAZCHEM Code: Emergency action code of numbers and letters that provide information to emergency services, especially fire fighters</p> <p>HSNO: Hazardous Substances and New Organisms (Act and Regulations)</p> <p>UN Number: United Nations Number</p> <p>SDS: Safety Data Sheet</p> <p>LD50: Lethal Dose 50% – dose which is fatal to 50% of a test population.</p> <p>LC50: Lethal Concentration 50% – concentration in air which is fatal to 50% of a test population.</p> <p>EC50: Ecotoxic Concentration 50% – concentration in water which is fatal to 50% of a test population.</p>
References:	<p>EPA database</p> <p>EPA-Labeling of hazardous substances, January 2012</p> <p>Suppliers SDSs</p>
Disclaimer:	<p>This SDS was prepared by Horizon Agresources Ltd., and is based on our current state of knowledge, including information obtained from suppliers. This SDS is written in good faith and constitutes a guideline (not a guarantee of safety). The level of risk each substance poses is relevant to its properties (as summarised in the SDS) AND HOW THE SUBSTANCE IS USED. While guidelines are given for personal protective equipment, such precautions must be relevant to the use. The likely HSNO classifications, are based on experience, EPA Guidelines and international classifications. This SDS is copyright Horizon Agresources Ltd, and must not be edited without the permission of the copyright holder or used for other than intended purpose.</p>