



SAFETY DATA SHEET

Product Name: CORPORAL® Dual Combination Oral Drench

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

Product name:	CORPORAL® Dual Combination Oral Drench for Sheep and Cattle
ACVM approval code:	A011042
Recommended use:	For the treatment and control of internal parasites in sheep and cattle
Company name:	Alleva Animal Health Limited
Address:	1/116a Harris Road, East Tamaki, Auckland, 2013, New Zealand
Telephone:	0064-9-4181405
Emergency telephone number:	National Poisons Centre: 0800 764 766 (0800 POISON) Fire Service, Ambulance: Dial 111
Date of Preparation	4 March 2020 v2
Restrictions of Use	Refer to Section 15

SECTION 2: HAZARDS IDENTIFICATION

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

EPA Approval Code: - HSR100615

Pictograms



Toxic



Chronic

Signal Word: **Warning**

HSNO Class.	Hazard Code	Hazard Statement	GHS Category
6.1D (oral)	H302	Harmful if swallowed.	Acute Tox. 4
6.1D (dermal)	H312	Harmful in contact with skin.	Acute Tox. 4
6.8B	H361	Suspected of damaging fertility or the	Repr. 2



		unborn child.	
6.9B	H373	May cause damage to organs through prolonged or repeated exposure.	STOT RE 2
9.1C	H412	Harmful to aquatic life with long lasting effects.	Aquatic Chronic 3
9.3C	H433	Harmful to terrestrial vertebrates.	-

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 and spray.
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.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P330	Rinse mouth.
P363	Wash contaminated clothing before reuse.
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.

Storage Code Storage Statement

P405	Store locked up.
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Disposal Code Disposal Statement

P501	Dispose of according to Local Regulations or Authorities
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SECTION 3: COMPOSITION

Product form:	Liquid	
Product Components:		
Name	CAS	Proportion
Oxfendazole	53716-50-0	9.1% w/v
Levamisole HCL	16595-80-5	15% w/v
Other excipients		to 100%



SECTION 4: FIRST AID MEASURES

<p>Necessary first aid measures:</p>	<p>General Information: Remove victim from contaminated area. If there is a risk of unconsciousness, position and transport in a stable lateral position. Take container/label or SDS for identification.</p> <p>Skin Contact: Immediately remove all contaminated clothing, including footwear. Wash with water for 15 minutes. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.</p> <p>Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Apply continuous irrigation with water for at least 15 minutes holding eyelids apart. If eye irritation persists: Get medical advice.</p> <p>Ingestion: Rinse mouth with water. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a POISON CENTER or doctor/physician if you feel unwell.</p> <p>Inhalation: Remove patient to fresh air, avoid breathing vapours yourself. If not breathing apply resuscitation. Seek medical assistance.</p>
<p>Most important symptoms and effects, both acute and delayed</p>	<p>Symptoms: Harmful if swallowed. Harmful in contact with skin. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.</p>

SECTION 5: FIRE FIGHTING MEASURES

Type of hazard:	Non-flammable.
Fire hazard properties:	Carbon dioxide, carbon monoxide, possible toxic and corrosive fumes
Extinguishing media and methods:	Use waterjet, CO ₂ , chemical foam, or dry powder for extinction. Protect or isolate drains to keep product out of water and the environment
Hazchem code:	None allocated
Recommended protective clothing:	Fire fighters should wear self- contained breathing apparatus in enclosed areas. Fight fire in the early stages if it is safe to do so.

SECTION 6: ACCIDENTAL RELEASE MEASURES



Personal Precautions:	Wear suitable protective clothing. Restrict access to contaminated area.
Environmental Precautions:	Contain the spill and prevent further dispersion. Prevent contamination of water courses and sewers.
Procedure for Spills:	Retrieve intact containers from the site. Place damaged containers into containment devices. Absorb spills with inert material and place in waste containers. Wash the area with water and absorb further with inert material. Collect spilled material and place in sealable containers for subsequent disposal.
Procedure for Disposal:	Contaminated material must be disposed of at an approved landfill or other approved facility in accordance with local, regional and national requirements. Avoid contamination of any water supply with product or empty container.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:	<ul style="list-style-type: none"> • 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 and spray. • 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.
Conditions for safe storage:	<ul style="list-style-type: none"> • Keep out of reach of children. • Keep away from food, drink and animal feeding stuffs and incompatible materials listed in Section 10.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION


WORKPLACE EXPOSURE STANDARDS (provided for guidance only)



Substance	TWA	STEL
	ppm mg/m ³	ppm mg/m ³

No substance has exposure limits

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 2019 11th EDITION.

Engineering controls:	Use in a well-ventilated area if possible.
Personal protection: 	Respiratory protection: Not required. Use a cartridge respirator if ventilation is poor. Hand protection: Wear protective gloves for chemical use. Eye protection: Avoid contact with eyes. Do not spray near eyes. Use safety glasses and or chemical splash goggles if splashes are possible. Avoid wearing contact lenses. Hygiene procedures: Keep the place of work clean. Avoid contact with product. Keep working clothes separate. Change badly soiled or soaked clothing. Wash hand before breaks and at the end of work. Remove contaminated protective clothing. Keep away from food stuffs, drinks and tobacco.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White to off white-suspension
Odour	Mild
Odour Threshold	Not applicable
pH	3.2 – 4.2
Boiling Point	Approx. 100°C
Melting Point	Not applicable
Freezing Point	Not applicable
Flash Point	>93°C
Flammability	Not applicable
Upper and Lower Explosive Limits	Not applicable
Vapour Pressure	Not applicable
Vapour Density	Not applicable
Specific Gravity/Density	0.88-1.32 g/mL at 20°C
Solubilities	Miscible
Partition Coefficient:	Not applicable
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not applicable
Kinematic Viscosity	Not applicable
Particle Characteristics	Not applicable



SECTION 10: STABILITY AND REACTIVITY

Stability of the substance:	Stable under normal conditions of storage and use
Conditions to avoid:	Excessive temperatures, direct sunlight
Material to avoid:	Strong acids, alkalis, reducing agents, oxidising agents.
Hazardous decomposition products:	None if stored and handled correctly

SECTION 11: TOXICOLOGICAL INFORMATION

Acute effects:	
Swallowed Dermal Inhalation Eye Skin	Harmful if swallowed. Harmful if in contact with skin. Not applicable. Not applicable. Not applicable.
Chronic and long-term effects:	
Reproductive Toxicity	Suspected of damaging fertility or the unborn child.
Carcinogenicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
STOT/RE	Causes damage to organs through prolonged or repeated exposure.

SECTION 12: ENVIRONMENTAL INFORMATION

Ecotoxicity effects:	9.1C = Harmful to aquatic life with long lasting effects. 9.3C = Harmful to terrestrial vertebrates.
Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

Do not allow to enter waterways.

SECTION 13: DISPOSAL CONSIDERATIONS

Product disposal:	Preferably dispose of product by use in accordance with label directions. Otherwise dispose of product at an approved landfill, or other approved facility in accordance with local, regional and national regulations. Avoid contamination of any water supply with product. Ensure
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	waste container containing product or rinsate is labelled "Hazardous Waste – Ecotoxic"
Container disposal:	Dispose of empty containers by triple rinsing with water before wrapping in paper and putting in garbage for disposal at an approved landfill, or other approved facility in accordance with local, regional and national regulations. Avoid contamination of any water supply with empty container.

SECTION 14: TRANSPORT INFORMATION

This product is NOT classified as a Dangerous Good for transport in NZ; NZS 5433:2012

SECTION 15: REGULATORY INFORMATION

Regulatory status:	Approved pursuant to the HSNO Act, EPA Approval Code HSR100615 See www.epa.govt.nz for approval conditions.
HSW (HS) Regulations 2017	Trigger Quantity
Signage Trigger Quantities (Schedule 3)	1000L (9.1C)
Emergency Response Plan (Schedule 5)	1000L (9.1C)
Secondary Containment (Schedule 5)	1000L (9.1C)
Tracking (Schedule 26)	Not required
Certified Handlers	Not required
Location Certificate	Not required
HSNO Additional Controls (Restrictions of use)	
	Use for intended use only
ACVM Act and Regulations	
ACVM Approval No See www.foodsafety.govt.nz for registration controls	A011042

SECTION 16: OTHER INFORMATION

Glossary
EC50 Median effective concentration.
EEL Environmental Exposure Limit.
EPA Environmental Protection Authority
HSNO Hazardous Substances and New Organisms.
HSW Health and Safety at Work.
LC50 Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD50 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

This Safety Data Sheet summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. ALLEVA Animal Health Limited makes no warranty with respect hereto and disclaims all liability from reliance thereon.

Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

PLEASE READ ALL LABELS CAREFULLY BEFORE USING PRODUCT.

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Issued Date: 4 March 2020

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