

SAFETY DATA SHEETS

This SDS packet was issued with item:

078944937

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078944922 078944935 078944936



IMECTRO™ Chew (ivermectin/pyrantel pamoate/praziquantel)

Safety Data Sheet

SECTION 1: Identification

1.1. Identification

Product name : IMECTRO™ Chew (ivermectin/pyrantel pamoate/praziquantel)

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Chew for worm control in dogs.

1.3. Details of the supplier of the safety data sheet

Ceva Animal Health, LLC
8735 Rosehill Road, Suite 300
Lenexa, KS 66215

1.4. Emergency telephone number

Emergency number : Chemtrec 1 800 424 9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Not classified

2.2. Label elements

GHS US labeling

No labeling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Pyrantel pamoate	(CAS-No.) 22204-24-6	4 – 6	Not classified
Praziquantel	(CAS-No.) 55268-74-1	1 – 3	Not classified
Ivermectin	(CAS-No.) 70288-86-7	< 0.01	Acute Tox. 1 (Oral), H300

Full text of hazard classes and H-statements : see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : No specific first aid needed for this route of entry.

First-aid measures after skin contact : If irritation develops wash skin thoroughly with soap and water. Obtain medical attention if redness or soreness persists.

First-aid measures after eye contact : Not an expected route of entry. If chew contacts eye, flush thoroughly with water. If pain or irritation persists contact a physician.

First-aid measures after ingestion : Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation : None under normal use.

Symptoms/effects after skin contact : May cause irritation.

Symptoms/effects after eye contact : May cause irritation.

Symptoms/effects after ingestion : May be harmful if swallowed.

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4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media : None.

5.2. Special hazards arising from the substance or mixture

Fire hazard : None known.
Explosion hazard : None known.

5.3. Advice for firefighters

Protection during firefighting : Firefighters should wear full protective gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Stop the flow of material, if this is without risk.
Methods for cleaning up : Dispose of waste in accordance with local, state and federal regulations.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with eyes, skin and clothing.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in original container at temperatures between 68°F and 77°F (20°C - 25°C). Store away from children and pets.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Pyrantel pamoate (22204-24-6)

Not applicable

Praziquantel (55268-74-1)

Not applicable

Ivermectin (70288-86-7)

Not applicable

8.2. Exposure controls

Appropriate engineering controls : None required under normal product handling conditions.
Hand protection : None required under normal product handling conditions.
Eye protection : None required under normal product handling conditions.
Skin and body protection : Wear suitable working clothes.
Respiratory protection : None required under normal product handling conditions.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Color	: Brown
Odor	: Bacon
Odor threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Will not occur.

10.4. Conditions to avoid

Heat and high temperatures.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

Oxides of carbon, nitrogen and sulfur.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Ivermectin (70288-86-7)	
Oral LD50 (rat)	50 mg/kg
Oral LD50 (human)	>15 mg/kg
Dermal LD50 (rabbit)	406 mg/kg
Pyrantel pamoate (22204-24-6)	
Oral LD50 (rat)	>2000 mg/kg

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Praziquantel (55268-74-1)	
Oral LD50 (rat)	2840 mg/kg
Skin corrosion/irritation	: Not classified Ivermectin: Non-irritating in animal studies. Praziquantel: Not irritating to skin in rabbit studies.
Serious eye damage/irritation	: Not classified. Ivermectin: Slightly irritating to eyes in rabbit tests. Praziquantel: Not irritating to eyes in rabbit studies.
Respiratory or skin sensitization	: Not classified. Ivermectin: Hypersensitivity reactions have been reported in humans. Praziquantel: Not sensitizing to skin in guinea pig study.
Germ cell mutagenicity	: Not classified Pyrantel Pamoate: Ames test in <i>S. typhimurium</i> Result: Negative. Murine Sperm-head abnormality test Result: Positive. Ivermectin: Negative in the AMES Assay, and in a mouse lymphoma mutation assay. In addition, it did not induce unscheduled DNA synthesis in a human fibroblast cell culture, suggesting that it does not damage DNA. Praziquantel: Negative results for in vivo and in vitro animal studies.
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified Pyrantel Pamoate: No evidence of adverse effects on fertility, reproduction or lactation was observed in rats at oral doses of 250 mg/kg/day. No maternal toxicity, embryo or fetotoxicity were observed in perinatal and postnatal toxicity study. Ivermectin: Teratogenic in rats, rabbit and mice at or near materno-toxic dose levels. The abnormalities are limited mainly to cleft palate. Praziquantel: Studies in rats and rabbits have shown no evidence of impaired fertility or harm to the fetus. An increase of the abortion rate was found in rats at three times the single human therapeutic dose.
STOT-single exposure	: Not classified. Ivermectin: At high doses in humans and animals vomiting, tachycardia, blood pressure fluctuation, CNS effects (somnolence, ataxia) and visual disturbances have been observed. Higher doses may cause death due to respiratory depression.
STOT-repeated exposure	: Not classified. No relevant studies identified.
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ivermectin
LC50 (Trout) 0.003mg/l 96hr
LC50 (*Daphnia magna*) 0.000025mg/l 48hr

Praziquantel: Chronic Aquatic Toxicity: Category 3

12.2. Persistence and degradability

Ivermectin: Slow biodegradation. Photodegrades rapidly.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

Ivermectin: Ivermectin is metabolized in the soil. Water solubility is limited and it binds to soil very tightly. It does not bioconcentrate in fish and is not taken up from soil into plants.

12.5. Other adverse effects

No additional information available

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT
Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

No additional information available

15.2. US State regulations

No additional information available

SECTION 16: Other information

Full text of H-phrases:

Acute Tox. 1 (Oral)	Acute toxicity (oral) Category 1
H300	Fatal if swallowed

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.