


SAFETY DATA SHEET

Bravecto®

Section 1: Identification of the Substance and Supplier

Product name	Bravecto This SDS relates to the following marketed products: Bravecto for Very Small Dogs (2 - 4.5 kg) Bravecto for Small Dogs (>4.5 - 10 kg) Bravecto for Medium-Sized Dogs (>10 - 20 kg) Bravecto for Large Dogs (>20 - 40 kg) Bravecto for Extra Large Dogs (>40 - 56 kg)
Recommended use	For oral flea and tick treatment in dogs
Company details	Schering-Plough Animal Health Limited 33 Whakatiki Street, Upper Hutt 5018, New Zealand Phone: 0800 800 543 Fax: 0800 808 100 Website: www.msd-animal-health.co.nz Hours: 8 am – 5 pm, Mon – Fri
Emergency telephone	0800 764 766 (0800 POISON) 24 hours human health 0800 243 622 (0800 CHEMCALL) 24 hours
Date of preparation	April 2019

Section 2: Hazards Identification

Hazard classifications	6.1E: Acute toxicant 6.3B: Skin irritant 9.1A: Aquatic ecotoxicant
GHS Pictogram:	
Signal word	Warning
Hazard statement	H303: May be harmful if swallowed. H316: Causes mild skin irritation. H410: Very toxic to aquatic life with long lasting effects.
Prevention statement	P102: Keep out of reach of children. P103: Read label before use. P273: Avoid release to the environment.
Response statement	P101: If medical advice is needed, have product container or label at hand. P332 + P313: If skin irritation occurs: Get medical advice/ attention. P391: Collect spillage.
Disposal	P501: Dispose of product, packaging and waste at an approved landfill or other approved facility.

Section 3: Composition/Information on Ingredients

Chemical name	CAS number	Concentration
Fluralaner	846731-61-3	13.64%
Sodium lauryl sulphate	151-21-3	<5 %
Disodium Pamoate	6640-22-8	<5 %

Bravecto®**Section 4: First Aid Measures**

Necessary first aid measures	<p>SKIN CONTACT While wearing protective gloves, carefully remove any contaminated clothing, including shoes, and wash skin thoroughly with soap and water. If irritation or symptoms occur or persist, consult a doctor.</p> <p>EYE CONTACT Immediately rinse eyes thoroughly with plenty of water. If wearing contact lenses, remove only after initial rinse, and continue rinsing eyes for at least 15 minutes. If irritation occurs or persists, consult a doctor.</p> <p>INGESTION Rinse mouth with water and drink a glass of water. DO NOT induce vomiting unless under the direction of a qualified medical professional or National Poisons Centre. If symptoms persist, consult a doctor.</p> <p>INHALATION Remove to fresh air. If any trouble breathing, get immediate medical attention. Administer artificial respiration if breathing has ceased. If irritation or symptoms occur or persist, consult a doctor.</p>
Required instructions	For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.
Workplace facilities	Emergency showers and eyewashes may be warranted depending on quantity and type of use.

Section 5: Fire Fighting Measures

Type of hazard	Not classified as flammable
Fire hazard properties	Not applicable
Regulatory requirements	Not applicable
Extinguishing media and methods	Carbon dioxide (CO ₂), extinguishing powder or water spray.
Hazchem code	2X
Recommended protective clothing	Wear full protective clothing and self-contained breathing apparatus (SCBA).

Section 6: Accidental Release Measures

Personal Precautions	Avoid contact with skin, eyes and clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Environmental Precautions	Prevent spilled material from flowing onto adjacent land or into streams, ponds, or lakes. Avoid release to the environment.
Emergency procedures	Wear chemical resistant gloves and overalls, facemask or goggles. Prevent further spillage. Recover and salvage product where possible. Otherwise sweep up and collect and place in sealable container for disposal. Seek advice from the local authority regarding disposal. Avoid contamination of any water source with product or empty container.

Bravecto®**Section 7: Handling and Storage**

Precautions for safe handling	Avoid contact with skin, eyes, and mucosa. Keep containers adequately sealed during material transfer, transport, or when not in use. See Section 8 (Exposure Controls) for additional guidance.
Regulatory requirements	Signage required where quantities greater than 100 kg are present. Emergency Plan required where quantities greater than 100 kg are present.
Handling practices	Avoid contact with skin. Keep containers adequately sealed during material transfer, transport, or when not in use.
Certified handlers	Not required
Conditions for safe storage	Store in original container in a cool, dry, ventilated place away from direct heat or direct sunlight. Keep container sealed when not in use. Keep out of reach of children.
Store site requirements	Store below 30°C. Protect from humidity and light. DO NOT REFRIGERATE.
Packaging	PG III

Section 8: Exposure Control/Personal Protection

Occupational exposure limits	No WES is set for this substance at this time.
Application in the workplace	Ensure adequate ventilation. Keep container sealed when not in use.
Exposure standards outside the workplace	No TEL or EEL is set for this substance at this time.
Personal protection	Wear chemical resistant gloves, facemask or goggles.
Engineering controls	The health hazard risks of handling this material are dependent on many factors, including physical form, duration and frequency of process or task, and effectiveness of engineering controls. Site-specific risk assessments should be conducted to determine the feasibility and the appropriateness of all exposure control measures. Exposure controls for normal operating or routine procedures follow a tiered strategy. Engineering controls are the preferred means of long-term or permanent exposure control. If engineering controls are not feasible, appropriate use of personal protective equipment (PPE) may be considered as alternative control measures. Exposure controls for non-routine operations must be evaluated and addressed as part of the site-specific risk assessment.

Section 9: Physical and Chemical Properties

Appearance	Light to dark brown chewable tablet
Boiling Point	Not determined
Melting/Softening point	Not determined
Vapour Pressure	Not determined
Specific Gravity	Not determined
Solubility (H ₂ O)	Not determined

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Percent Volatiles	Not determined
Flash Point	Not determined
Evaporation Rate	Not determined

Section 10: Stability and Reactivity

Stability of the substance	Stable under normal conditions. No hazardous reactions known.
Conditions to avoid	Keep away from heat, sparks, open flame and direct sunlight.
Material to avoid	Avoid food products. Strong acids and bases. Strong oxidizers.
Hazardous decomposition products	No dangerous decomposition is expected if used according to manufacturer's specifications.

Section 11: Toxicological Information

Acute effects for individual ingredients only

ORAL	Fluralaner: LD50 >2000 mg/kg (rat); Sodium lauryl sulphate: LD50 1288 mg/kg (rat)
DERMAL	Fluralaner: LD50 >2000 mg/kg (rat); Sodium lauryl sulphate: LD50 580 mg/kg (rabbit) (IUCLID)
Disodium Pamoate: Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering. Inflammation of the eye is characterized by redness, watering, and itching.	
TEL	No TEL is set for this substance at this time.

Chronic/long term effects for individual ingredients only

Section 12: Environmental Information

Effects for individual ingredients only

AQUATIC	Fluralaner: 96-hr LC50 (Common carp): 2 mg/L 48-hr EC50 (Daphnia magna): 0.0001 - 0.01 mg/L 72-hr EC50 (P. subcapitata): >10 mg/L
TERRESTRIAL INVERTEBRATES	No data
EEL	No EEL is set for this substance at this time.


Section 13: Disposal Considerations

Disposal information	Disposal Dispose of unused contents in a suitable landfill. Where possible, dispose of unused product through AgRecovery Chemicals. Avoid contamination of any water source or the environment with product or empty container. Container Disposal Dispose of empty container by puncturing and burying in a suitable landfill. Where possible, recycle through AgRecovery. Do NOT burn.
Reference	Current version of NZS 8409 Management of Agrichemicals

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Section 14: Transport Information

UN Number	3077
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Isoxazoline derivative – Fluralaner)
UN dangerous goods class and subsidiary risk	9
UN Packaging Group	PG III
Environmental hazards	Marine pollutant
Special precautions when transporting the substance	

Section 15: Regulatory Information

Regulatory status	ACVM Registration No: A11019 For conditions of registration see www.foodsafety.govt.nz HSNO Approval Code: HSR100757. For a full listing of controls see www.epa.govt.nz
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Section 16: Other Information

Additional information	Bravecto is a registered trademark.
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