



ExiFlea PLUS 3-in-1 DEFENCE FOR CATS AND DOGS

Abbey Animal Health Pty Ltd SAFETY DATA SHEET

Section 1- Identification of Product and Supplier

Supplier Company Details: Abbey Animal Health Pty Ltd

Address: Unit 27/ 1 Maitland place, Norwest NSW, 2153

Telephone Number: 02 8088 0720

Facsimile Number: 02 8088 0721

Emergency Number: Australian Poisons Information Centre: 13 11 26 (24 Hour Service).

PRODUCT NAME

This SDS covers following six products:

ExiFlea Plus 3-in-1 Defence for Kittens and Small Cats up to 4 kg

ExiFlea Plus 3-in-1 Defence for Cats over 4 kg

ExiFlea Plus 3-in-1 Defence for Puppies and Small Dogs up to 4 kg

ExiFlea Plus 3-in-1 Defence for Dogs 4-10 kg

ExiFlea Plus 3-in-1 Defence for Dogs 10-25 kg

ExiFlea Plus 3-in-1 Defence for Dogs over 25 kg

PRODUCT USE

For the treatment and prevention of fleas *Ctenocephalides* spp. Reduces the incidence of Flea allergy dermatitis. Larval flea stages are killed in the surroundings of ExiFlea Plus treated pets. For the prevention of heartworm *Dirofilaria immitis* infection.

Section 2- Hazards Identification

Statement of Hazardous Nature: Classified as hazardous according to Australian WHS regulations.

ADG Classification: Not classified as dangerous good when transported by road or rail within Australia under ADG code, 7th edition. Restriction on shipment quantity applicable, when transported by sea or air.

Poisons schedule: S5

GHS classification: Acute Toxicity (Oral) - Category 4; Acute Toxicity (Inhalation) - Category 4; Specific Target Organ Toxicity (Repeated Exposure) - Category 2 Hazardous to the aquatic environment, acute hazard Category 1; Hazardous to the aquatic environment, Long-term hazard Category 1.

GHS Signal word: WARNING

Pictogram(s):



HAZARD STATEMENT(S):

H302: Harmful if swallowed.

H332: Harmful if inhaled.

H373: May cause damage to organs.

H400: Very toxic to aquatic life.

H410: very toxic to aquatic life with long lasting effects.

PREVENTION STATEMENTS(S):

P261: Avoid breathing fume/gas/mist/vapours/spray.

P264: Wash thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P271: Use only outdoors or in a well-ventilated area.

P273: Avoid release to the environment.

RESPONSE STATEMENTS(S):

P301+P312: IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell.

P304 + P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

P312: Call a POISON CENTRE or doctor/physician if you feel unwell.

P330: Rinse mouth.

STORAGE STATEMENTS(S): None allocated.

DISPOSAL STATEMENTS(S):

P501: Dispose of contents/container in accordance with relevant regulations.

Section 3- Composition / Information on Ingredients
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Ingredients	CAS No	Conc (%)	TWA (mg/m ³)	STEL (mg/m ³)
Imidacloprid	138261-41-3	10	Not set	Not set
Moxidectin	113507-06-5	2.5	Not set	Not set
Other non – hazardous Ingredients	Secret	100	Not set	Not set

Section 4- First Aid Measures

Call Poisons Information Centre Phone Australia 131 126, if you feel that you may have been poisoned or irritated by this product.

SAFETY DIRECTIONS

Harmful if swallowed. Will damage the eyes. Repeated exposure may cause allergic disorders. Avoid contact with eyes. If product in eyes, wash it out immediately with water. Wash hands after use.

Eye: Irritating to the eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Inhaled: Harmful by inhalation. After inhalation remove from exposure and perform artificial respiration if necessary.

Skin: Remove contaminated clothing. Wash affected area immediately with soap and water. Seek medical attention if required.

Ingestion: Harmful if swallowed. If vomiting occurs, keep head lower than hips to help prevent aspiration. Seek medical attention if required.

Advice to Doctor:

The formulation is extremely bitter and unlikely to be swallowed in significant quantity. Imidacloprid is a chloronicotinyl compound (syn. neonicotinoid) which displays high affinity for the acetylcholine site of the nicotinic acetylcholine receptor in the insect central nervous system. In insects, imidacloprid interferes with the acetylcholine-mediated transmission of nerve impulses and is an antagonist, as it depolarises the neuron.

Section 5- Fire Fighting Measures

Extinguishing media: Sprayed water jet, foam, dry powder, CO₂, sand.

Fire and Explosion hazard: Combustible liquid - Class C1.

Hazardous combustion Products: Thermal decomposition products include hydrogen chloride, hydrogen cyanide, carbon monoxide, and nitrogen oxides.

Advice for firefighters: Fight fire in the early stages if safe to do so. Wear respiratory protection. In well-ventilated areas wear full face mask with a combination filter (Offers no protection from carbon monoxide). In enclosed premises: respirator with independent air supply. Contain firefighting water.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS.

Environmental precautions: Prevent product from entering drains and waterways.

Methods of cleaning up: Take up with absorbent material such as sawdust, peat or chemical binder. Fill material along with any contaminated soil etc., into sealable containers. Clean affected

area with aqueous detergent and a small amount of water. Absorb this detergent/water with absorbent material. Place cleaning materials into the same container.

Do not eat, drink or smoke during clean-up operation.

Do not breathe vapour/spray.

Section 7 - Handling and Storage

Precautions for safe handling: Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

Conditions for safe storage, including any incompatibilities: Store in cool, dry, well-marked area, removed from incompatible substances, foodstuffs and other drugs. Storage areas and containers should be clearly marked for drug holding, protected from light, freezing or physical damage are tightly sealed when not in use. Keep out of reach of children.

Storage: Store below 30°C (Room Temperature).

Section 8 - Exposure Controls / Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: **AS/NZS 4501** set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

SWA Exposure Limits	TWA (mg/m ³)	STEL (mg/m ³)
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Exposure limits have not been established by SWA for this product.

The ADI for Imidacloprid is set at 0.06 mg/kg/day. The corresponding NOEL is set at 6 mg/kg/day.

The ADI for Moxidectin is set at 0.01 mg/kg/day. The corresponding NOEL is set at 1 mg/kg/day.

ADI means Acceptable Daily Intake and NOEL means no-observable-effect-level (Values taken from Australian ADI List, JULY 2018).

Personal Protective Equipment:

Eye/face protection: Avoid contact with eyes. No eye protection is required under normal conditions of use. Under other conditions of use wear safety goggles.

Skin protection: Avoid contact with skin. No skin protection is required under normal conditions of use. Under other conditions of use wear rubber gloves. Wash hands before breaks and at end of work.

Respiratory protection: Do not inhale vapour. No respirator is required under normal conditions of use.

Section 9 - Physical and Chemical Properties

Appearance	Clear yellow to brown liquid.
Odour	Weak characteristic odour.
Vapour Density	Not Available
Vapour Pressure	Not Available
Partition Coefficient	Not Available
Auto-Ignition Temperature	Not Available
Decomposition Temperature	Not Available
Viscosity	Not Available
Explosive Properties	Not Available
Oxidising Properties	Not Available
Odour Threshold	Not Available

Section 10 - Stability and Reactivity

Chemical stability: Stable under recommended conditions of storage.

Possibility of hazardous reactions: Polymerization is not expected to occur.

Conditions to avoid: Avoid strong oxidizing agents.

Hazardous decomposition products: Thermal decomposition products include hydrogen cyanide, carbon monoxide, and nitrogen oxides.

Section 11 - Toxicological Information

Skin: Mildly irritating to the skin of rabbits. Moderately irritating to the mucous membranes of rabbits. Non-skin sensitizing.

Eye: Causes eye irritation.

Mutagenicity: Not classified as a mutagen.

Reproductive: None of the ingredients of the formulation have been shown to produce reproductive or teratogenic effects.

Mutagenicity: None of the ingredients of the formulation have been shown to produce mutagenic or genotoxic effects.

Carcinogen effects: Imidacloprid has been shown in animal tests to have no carcinogenic potential. Other ingredients are not classified as carcinogens.

Section 12 - Ecological Information

Fish toxicity

Imidacloprid

LC50 237 mg/L (96h) Golden orfe (*Leuciscus idus*)

LC50 211 mg/L (96h) Rainbow trout (*Oncorhynchus mykiss*)

LC50 280 mg/L (96h) Carp (*Cyprinus carpio*)

Benzyl alcohol

LC50 10 mg/l (96hr) Bluegill (*Lepomis macrochirus*)

LC50 646 mg/L (48h) Golden orfe (*Leuciscus idus*)

LC50 460 mg/L (96h) (*Pimephales promelas*)

Daphnia toxicity

Imidacloprid

EC50 0.055 mg/L (96h) *Hyalella azteca*

EC50 85 mg/L (48h) Water flea (*Daphnia magna*)

Benzyl alcohol

EC50 55 mg/L (24hr) Water flea (*Daphnia magna*)

Algal toxicity

Imidacloprid

EC50 > 100 mg/l (72hr) *Pseudokirchneriella subcapitata* (green algae)

EC50 > 10 mg/l (72hr) *Desmodesmus subspicatus* (green algae)

Benzyl alcohol

IC50 100mg/L (72h)

Bacterial toxicity

Imidacloprid

EC50 > 10,000 mg/l Activated sludge micro-organism

Benzyl alcohol

EC50 71.4 mg/l (0.5hr) *Photobacterium phosphoreum*

Section 13 - Disposal Considerations

Disposal:

Dispose of use applicators by wrapping with paper and putting in garbage.

Section 14 - Transport Information

UN Number: 3082

UN Proper Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Imidacloprid).

Class and subsidiary risk: 9

Packaging group: III

Hazchem code: 3Z

Special note: Restriction on maximum net quantity applicable, when transported by sea or air.

Not classified as dangerous good when transported by road or rail within Australia under ADG code, 7th edition.

Section 15 - Regulatory Information

Poisons Schedule: 5

APVMA Approval Number: 86378, 86381, 86382, 86383, 86384, 86385.

Approved pack size:

ExiFlea Plus 3-in-1 Defence for Kittens and Small Cats up to 4 kg: 1x0.4mL, 2x0.4mL, 3x0.4mL, 6x0.4mL

ExiFlea Plus 3-in-1 Defence for Cats over 4 kg: 1x0.8mL, 2x0.8mL, 3x0.8mL, 6x0.8mL

ExiFlea Plus 3-in-1 Defence for Puppies and Small Dogs up to 4 kg: 1x0.4mL, 2x0.4mL, 3x0.4mL, 6x0.4mL

ExiFlea Plus 3-in-1 Defence for Dogs 4-10 kg: 1x1mL, 2x1mL, 3x1mL, 6x1mL

ExiFlea Plus 3-in-1 Defence for Dogs 10-25 kg: 1x2.5mL, 2x2.5mL, 3x2.5mL, 6x2.5mL

ExiFlea Plus 3-in-1 Defence for Dogs over 25 kg: 1x4mL, 2x4mL, 3x4mL, 6x4mL

For more information please refer to the APVMA approved product label

Section 16 – Other Information

Abbey Animal Health Pty Ltd

Telephone Number: 02 8088 0720

Facsimile Number: 02 8088 0721

Emergency Number: Australian Poisons Information Centre: 13 11 26 (24 Hour service).

This Safety Data Sheet (SDS) summarizes our best knowledge of the health and safety hazard information of the product according to the GHS requirements and how to safely handle and use the product in the workplace.

Each user must review this SDS in the context of how the product will be handled and used in the workplace.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

***Note: This SDS is valid for 5 years from the effective date.**