



SAFETY DATA SHEET

Seresto® Collar

Section 1. Identification

Product identifier : Seresto® Collar

Product code : 122000005913

Other means of identification : 85728253; 85733591; 85733605; FORESTO COLLAR; Imidacloprid 10% 4.5% flumethrin Collar - grey; Seresto Collar; Seresto collar for cats; Seresto collar for dogs; 86592541; 86592533; SERESTO COLLAR FOR DOGS < 8 KG; SERESTO COLLAR FOR DOGS > 8 KG; 81502170; 81543879; 81544131; 81806551; 81806594; 81806608; 81857944; 81857952; 81857960; 82295100; 82295127; 83989289; 83989300; 84026336; 84026344; 84320927; 84320986; 84347116; 84347132; 84373052; 84374393; 84374407; 84462846; 84532827; 84532878; 84623288; 84726095; 84726117; 85115707; 85115715; 85115731; 85126741; 85126768; 85126776; 85172557; 85248006; 85248014; 85517287; 85517317; 85517325; 85517368; 85653628; 85653636; 85661884; 85661906; 85672037; 85672061; 85678582; 85678590; 85698230; 85698265; 85712659; 85712667; 85712705; 85712721; 85712748; 85712764; 85729764; 85729780; 85729810; 85730657; 85730703; 85730711; 85744410; 85867415; 85882481; 85882503; 85895567; 85895575; 85895613; 85895648; 85907573; 85907581; 85907638; 85907670; 85907697; 85912720; 85912747; 85912755; 85912887; 85912933; 85913034; 85913042; 85913050; 85913069; 85913077; 85913093; 85920685; 85922203; 85922238; 85934643; 85934651; 85935542; 85935569; 85935585; 85941119; 85941143; 86015706; 86015722; 86015730; 86030365; 86030373; 86030403; 86030594; 86031000; 86031035; 86031434; 86031523; 86031566; 86031590; 86065789; 86084945; 86084988; 86107562; 86107570; 86107732; 86108070; 86117401; 86117444; 86117495; 86126761; 86126788; 86345471; 86345536; 86345544; 86345560; 86362546; 86362600; 86362635; 86362643; 86366177; 86366223; 86366258; 86383810; 86393859; 86412721; 86412764; 86483408; 86483688; 86483793; 86483858; 86483866; 86485060; 86485079; 86485095; 86487004; 86498030; 86508028; 86508044; 86571854; 86571862; 86581167; 86581175; 86581183; 86581213; 86592533; 86592541; 86601168; 86601303; 86609339; 86609347; 86613255; 86613271; 86613336; 86613344; 86613379; 86613409; 86621975; 86621991; 86622009; 86622041; 86622084; 86622114; 86622203; 86622238; 6624265; 86624273; 86624281; 86696754; 86696762; 86829223; 86829231; 86829258; 86837609; 86837617; 86837625; 86837641; 86837668; 86837676; 86837684; 86837692; 86837706; 86837714; 86837722; 86841835; 86841843; 86841851; 86841878; 86904616; 86904624; 86904632; 86963159; 86963167; 86992760; 86992787; 87010732; 87012034; 87012077; 87012093; 87012301; 87012352; 87012395; 87031101; 87031128; 87031136; 87031179; 87047261; 87047288; 87047350; 87047369; 87047385; 87047466; 87047571; 87048446; 87048454; 87081192; 87081206; 87081214; 87081222; 87081230; 87081249; 87089959; 87089975; 87120406; 87120414; 87120422; 87146391; 87146405; 87146413; 87146421; 87146448; 87146456; 87171477; 171485; 87171507; 87199339; 87199355; 87202410; 87202569; 7202577; 87202607; 87204960; 87204979; 87204987; 87221202; 87221210; 87221229; 87221237; 87221245; 87221261; 87379299; 87379302; 87380475; 87380483; 87380491; 87388956; 87388964; 87388972; 87397203; 87397238; 87397246; 87430359; 87430553; 87437485; 87437507; 87437558; 90197375; 90197376; 90197377; 90197627; 90197689; 90198359; 90198361; 90198363; 90200378; 90200379; 90200380; 90201673; 90201674; 90201675; 90201678; 90201679; 90201680; 90202819; 90202841; 90202942; 90202943; 90203289; 90203290; 90203341; 90203472; 90203473; 90203947; 90203948; 90204130; 90204519; 90204554; 90204722; 90204723; 90204845; 0204846; 90204847; 90205443; 90205444; 90205958; 90206029; 90206030; 90206049; 90206050; 90206063; 90206064; 90206075; 90206407; 90206408; 90206409; 90206432; 90206433; 90206434; 90207073; 90207074; 90207075; 90207813; 90207862; 207863; 90207963; 90207964; 90208054; 90208571; 90208572; 90209213; 90209214; 90209654; 90209663; 90210468; 90210469; 90210470; 90210477; 90210544; 90210545; 90210546; 90210601; 90210602; 90210603; 90210643; 90210644; 90211016; 90211017; 90211018; 90211092; 90211093; 90211094

Section 1. Identification

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

Identified uses : Veterinary product.
Uses advised against : None known.

Company Name : Elanco Australasia Pty Ltd
Level 3, 7 Eden Park Drive
Macquarie Park NSW 2113
Australia
Telephone number : 1800 995 709
Emergency telephone number : CHEMTREC 0800 293 702 (Freephone)
CHEMTREC +61 2 9037 2994 (Local)
Email : elanco_sds@elancoah.com
Transportation Emergency telephone number : CHEMTREC 0800 293 702 (Freephone)
CHEMTREC +61 2 9037 2994 (Local)

Section 2. Hazard(s) identification

Classification of the substance or mixture : ACUTE TOXICITY (oral) - Category 4
SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 57.3%

GHS label elements

Hazard pictograms :



Signal word : **WARNING**
Hazard statements : **H302 - Harmful if swallowed.**
H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements

General : Not applicable.
Prevention : P273 - Avoid release to the environment.
P270 - Do not eat, drink or smoke when using this product.
P264 - Wash thoroughly after handling.
Response : P391 - Collect spillage.
Storage : Not applicable.
Disposal : P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental label elements : Not applicable.

Other hazards which do not result in classification : None known.

Section 3. Composition and ingredient information

Substance/mixture : Mixture

Ingredient name	% (w/w)	CAS number
Ethene, chloro-, homopolymer	≥30 - ≤60	9002-86-2
dibutyl adipate	≥10 - ≤30	105-99-7
imidacloprid (ISO)	≥10 - ≤30	138261-41-3
Flumethrin	≤5	69770-45-2
stearic acid	≤3	57-11-4
titanium dioxide	<1	13463-67-7

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

The total concentration of ingredients in this product, reported or not in this section, is 100%.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : Harmful if swallowed.

Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.

Section 4. First aid measures

Ingestion : No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

Section 5. Firefighting measures

Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

Specific hazards arising from the chemical : This material is very toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides
halogenated compounds

Special protective actions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

Methods and material for containment and cleaning up

- Small spill** : Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Section 6. Accidental release measures

Large spill : Prevent entry into sewers, water courses, basements or confined areas. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls and personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
Ethene, chloro-, homopolymer	EH40/2005 WELs (United Kingdom (UK), 1/2020). TWA: 4 mg/m ³ 8 hours. Form: respirable dust TWA: 10 mg/m ³ 8 hours. Form: inhalable dust DFG MAC-values list (Germany, 10/2021). TWA: 0.3 mg/m ³ 8 hours. Form: respirable fraction PEAK: 2.4 mg/m ³ , 4 times per shift, 15 minutes. Form: respirable fraction
imidacloprid (ISO)	Elanco OEL (ELANCO). TWA: 0.7 mg/m ³ 480 minutes.
stearic acid	Safe Work Australia (Australia, 12/2019). [Stearates] TWA: 10 mg/m ³ 8 hours.
titanium dioxide	Safe Work Australia (Australia, 12/2019). TWA: 10 mg/m ³ 8 hours. EH40/2005 WELs (United Kingdom (UK), 1/2020). TWA: 4 mg/m ³ 8 hours. Form: respirable TWA: 10 mg/m ³ 8 hours. Form: total inhalable DFG MAC-values list (Germany, 10/2021). PEAK: 2.4 mg/m ³ , 4 times per shift, 15 minutes. Form: respirable fraction TWA: 0.3 mg/m ³ 8 hours. Form: respirable fraction

Biological exposure indices

No exposure indices known.

Appropriate engineering controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Section 8. Exposure controls and personal protection

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties and safety characteristics

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

Appearance

Physical state : Solid.

Colour : Grey.

Odour : Not available.

Odour threshold : Not available.

pH : 7

Melting point/freezing point : 140°C (284°F) [DIN EN ISO 3146]

Boiling point, initial boiling point, and boiling range : Not available.

Flash point : Not applicable.

Evaporation rate : Not available.

Flammability : Not available.

Lower and upper explosion limit/flammability limit : Not applicable.

Vapour pressure : Not applicable.

Section 9. Physical and chemical properties and safety characteristics

Relative vapour density	: Not applicable.
Relative density	: Not available.
Density	: 550 kg/m ³ [DIN ISO 697]
Solubility(ies)	: Not available.
Solubility in water	: Not available.
Partition coefficient: n-octanol/water	: Not applicable.
Auto-ignition temperature	: Not applicable.
Decomposition temperature	: 185°C (365°F)
Viscosity	: Not applicable.
Flow time (ISO 2431)	: Not available.
Particle characteristics	
Median particle size	: Not available.

Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: No specific data.
Incompatible materials	: No specific data.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
dibutyl adipate imidacloprid (ISO)	LD50 Oral	Rat	12900 mg/kg	-
	LC50 Inhalation Dusts and mists	Rat	>5.323 mg/l	4 hours
	LD50 Dermal	Rat	>5000 mg/kg	-
	LD50 Oral	Mouse - Male	130 mg/kg	-
Flumethrin	LD50 Oral	Rat	410 mg/kg	-
	LC50 Inhalation Dusts and mists	Rat	0.572 mg/l	4 hours
	LD50 Dermal	Rat	1436 mg/kg	-
stearic acid	LD50 Oral	Rat	175 mg/kg	-
	LD50 Dermal	Rabbit	>5 g/kg	-
titanium dioxide	LD50 Oral	Rat	4600 mg/kg	-
	LC50 Inhalation Dusts and mists	Rat	>6.82 mg/l	4 hours
	LD50 Oral	Rat	>10000 mg/kg	-

Irritation/Corrosion

Section 11. Toxicological information

Product/ingredient name	Result	Species	Score	Exposure	Observation
stearic acid	Skin - Mild irritant	Human	-	72 hours 75 mg l	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
titanium dioxide	Skin - Mild irritant	Human	-	72 hours 300 ug l	-

Sensitisation

Product/ingredient name	Route of exposure	Species	Result
Flumethrin	skin	Guinea pig	Not sensitizing

Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on likely routes of exposure : Not available.

Potential acute health effects

Eye contact : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : Harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : No specific data.
Inhalation : No specific data.
Skin contact : No specific data.
Ingestion : No specific data.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Section 11. Toxicological information

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

Not available.

General : No known significant effects or critical hazards.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Reproductive toxicity : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
Seresto® Collar	979.9	25083.8	N/A	N/A	9.7
dibutyl adipate	12900	N/A	N/A	N/A	N/A
imidacloprid (ISO)	131	N/A	N/A	N/A	N/A
Flumethrin	175	1436	N/A	N/A	0.572
stearic acid	4600	N/A	N/A	N/A	N/A

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
dibutyl adipate imidacloprid (ISO)	Acute LC50 3640 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	Acute EC50 1 µg/l Fresh water	Crustaceans - Cypretta seurati	48 hours
	Acute IC50 389 mg/l Fresh water	Algae - Desmodesmus subspicatus	72 hours
	Acute LC50 1.09 µg/l Fresh water	Daphnia - Daphnia pulex - Neonate	48 hours
	Acute LC50 10.16 µg/l Fresh water	Fish - Clarias gariepinus - Juvenile (Fledgling, Hatchling, Weanling)	96 hours
	Chronic NOEC 10 ppm Fresh water	Algae - Desmodesmus subspicatus	4 days
	Chronic NOEC 5.2 µg/l Marine water	Crustaceans - Penaeus monodon - Adult	21 days
Flumethrin	Chronic NOEC 71.8 µg/l Fresh water	Daphnia - Daphnia magna - Neonate	21 days
	Chronic NOEC 4 µg/l Fresh water	Fish - Clarias gariepinus - Juvenile (Fledgling, Hatchling, Weanling)	28 days
titanium dioxide	EC50 0.0027 mg/l	Daphnia	48 hours
	IC50 0.59 mg/l	Algae	72 hours
	Acute LC50 0.17 mg/l	Fish - Oncorhynchus mykiss	96 hours
	Acute LC50 3 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
	Acute LC50 6.5 mg/l Fresh water	Daphnia - Daphnia pulex - Neonate	48 hours
	Acute LC50 >1000000 µg/l Marine water	Fish - Fundulus heteroclitus	96 hours

Persistence and degradability

Section 12. Ecological information

Product/ingredient name	Test	Result	Dose	Inoculum
Flumethrin	-	0 % - Not readily - 28 days	-	-

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Flumethrin	-	-	Not readily

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
imidacloprid (ISO)	0.57	-	low
stearic acid	8.23	-	high

Mobility in soil

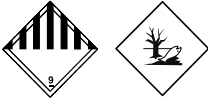
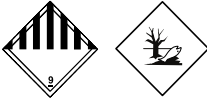
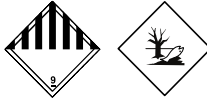
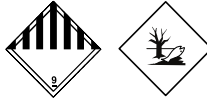
Soil/water partition coefficient (K_{oc}) : Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	ADG	ADR/RID	IMDG	IATA
UN number	UN3077	UN3077	UN3077	UN3077
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (IMIDACLOPRID, FLUMETHRIN)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (IMIDACLOPRID, FLUMETHRIN)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (IMIDACLOPRID, FLUMETHRIN)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (IMIDACLOPRID, FLUMETHRIN)
Transport hazard class(es)	9 	9 	9 	9 
Packing group	III	III	III	III
Environmental hazards	Yes.	Yes.	Yes.	Yes.

Additional information

ADG : The product is not regulated as a dangerous good when transported by road or rail in either an IBC, or in other container types if ≤500 kg. This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.

Section 14. Transport information

- ADR/RID** : This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.
Tunnel code (-)
- IMDG** : This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.
- IATA** : This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to IMO instruments : Not available.

Section 15. Regulatory information

National regulations

Standard for the Uniform Scheduling of Medicines and Poisons

6

Model Work Health and Safety Regulations - Scheduled Substances

No listed substance

APVMA Approval Number : Not applicable.

Inventory list

Australia : Not determined.

Section 16. Any other relevant information

History

Date of issue/Date of revision : 7/19/2023

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Key to abbreviations : ADG = Australian Dangerous Goods
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
N/A = Not available
SGG = Segregation Group
SUSMP = Standard Uniform Schedule of Medicine and Poisons
UN = United Nations

Procedure used to derive the classification

Section 16. Any other relevant information

Classification	Justification
ACUTE TOXICITY (oral) - Category 4	Calculation method
SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1	Calculation method
LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1	Calculation method

References : Not available.

Indicates information that has changed from previously issued version.

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