



SAFETY DATA SHEET

1. Identification

Product identifier Elanco AH0495 Elector PSP Animal Premise Spray

Other means of identification

Synonyms Elector 480 g/L * Elector PSP

Item Code AH0495

Recommended use of the chemical and restrictions on use

Recommended use Biocide

Restrictions on use Not available.

Details of manufacturer or importer

Company name Elanco Australasia Pty Ltd
Macquarie Park

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Sydney AU 2113

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24 hr emergency contact number CHEMTREC 0800 293 702 (Freephone)

24 hr emergency contact number (Local) CHEMTREC +61 2 9037 2994 (Local)

2. Hazard(s) identification

Classification of the hazardous chemical

Physical hazards Not classified.

Health hazards Not classified.

Environmental hazards Hazardous to the aquatic environment, acute hazard Category 1

Hazardous to the aquatic environment, long-term hazard Category 1

Label elements, including precautionary statements

Hazard symbol(s)



Environment

Signal word Warning

Hazard statement(s) Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

Prevention Avoid release to the environment.

Response Collect spillage.

Storage Not available.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards which do not result in classification None known.

Supplemental information Contains 1,2-Benzisothiazol-3(2H)-one. May produce an allergic reaction.

3. Composition/information on ingredients

Mixture

Identity of chemical ingredients	CAS number and other unique identifiers	Concentration of ingredients
1,2-Benzisothiazol-3(2H)-one	2634-33-5	0.04
Spinosad	168316-95-8	44.2

Composition comments Spinosad is a mixture of the following components: Spinosyn A (CAS# 131929-63-0) and Spinosyn D (CAS# 131920-60-7).

Remaining components of this product are non-hazardous and/or are present at concentrations below reportable levels.

The full text for all H-statements is displayed in section 16.

4. First-aid measures

Description of necessary first aid measures

Inhalation	Move to fresh air. Oxygen or artificial respiration if needed. Call a physician or poison control centre immediately.
Skin contact	Wash off immediately with plenty of water. Take off contaminated clothing and wash before reuse. Get immediate medical attention.
Eye contact	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Call a physician or poison control centre immediately.
Ingestion	If swallowed, rinse mouth with water (only if the person is conscious). Never give anything by mouth to a victim who is unconscious or is having convulsions. Call a physician or poison control centre immediately.

Personal protection for first-aid responders In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Symptoms caused by exposure None known.

Medical attention and special treatment None known.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media	Alcohol resistant foam. Water. Carbon dioxide (CO ₂). Dry chemicals.
Unsuitable extinguishing media	Not available.

Specific hazards arising from the chemical Fire or excessive heat may produce hazardous decomposition products.

Special protective equipment and precautions for fire fighters Wear self-contained breathing apparatus and protective clothing.

Hazchem code 3Z

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	See Section 8 for personal protective equipment.
For emergency responders	Not available.

Environmental precautions Do not discharge into drains, water courses or onto the ground. Avoid discharge to the aquatic environment.

Methods and materials for containment and cleaning up Soak up with inert absorbent material. Large spills due to traffic accidents, etc., should be reported immediately to CHEMWATCH and Elanco Animal Health for assistance.

Other issues relating to spills and releases Clean up in accordance with all applicable regulations.

7. Handling and storage

Precautions for safe handling NOT INTENDED FOR HUMAN USE. Keep out of reach of children. To avoid risks to human health and the environment, comply with the instructions for use.

Conditions for safe storage, including any incompatibilities Store in original container. Keep away from food, drink and animal feeding stuffs.

8. Exposure controls and personal protection

Occupational exposure limits No exposure limits noted for ingredient(s).

Biological limit values No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls Use appropriate control measures such as fume hood, ventilated enclosure, local exhaust ventilation, or down-draft booth.

Individual protection measures, for example personal protective equipment (PPE)

Eye/face protection Wear safety glasses with side shields (or goggles). (AS/NZS 1337)

Skin protection

Hand protection Chemical resistant gloves. (AS/NZS 2161)

Other

Chemical-resistant gloves and impermeable body covering to minimize skin contact.

Respiratory protection Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the respirator. Select appropriate respirator for physical characteristics of material. Select respirator with appropriate protection factor. (AS/NZS 1715)

Thermal hazards Not applicable.

Hygiene measures Use good industrial hygiene practices in handling this material.

When mixing and handling, use protective clothing, impervious gloves, and dust respirator (recommended). Operators should wash thoroughly with soap and water after handling. If accidental eye contact occurs, immediately rinse with plenty of water.

9. Physical and chemical properties

Appearance

Physical state Liquid.

Form Suspension.

Colour Tan.

Odour None known.

Odour threshold No data available.

pH No data available.

Melting point/freezing point No data available.

Initial boiling point and boiling range 100 °C (212 °F)

Flash point > 93.0 °C (> 199.4 °F) Test method not available.

Evaporation rate No data available.

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) No data available.

Flammability limit - upper (%) No data available.

Explosive limit - lower (%) No data available.

Explosive limit - upper (%) No data available.

Vapour pressure No data available.

Vapour density No data available.

Relative density No data available.

Solubility(ies)

Solubility (water) Soluble

Partition coefficient (n-octanol/water) No data available.
No data available.

Auto-ignition temperature No data available.

Decomposition temperature No data available.

Viscosity No data available.

Viscosity temperature No data available.

Other physical and chemical parameters

Density No data available.

Explosive properties Not explosive.

Oxidising properties No oxidizing properties.

Percent volatile No data available.

Specific gravity 1.09

VOC No data available.

10. Stability and reactivity

Reactivity Not water reactive.

Chemical stability Material is stable under normal conditions.

Possibility of hazardous reactions Hazardous polymerisation does not occur.

Conditions to avoid None under normal conditions.

Incompatible materials Strong oxidising agents.

Hazardous decomposition products No hazardous decomposition products are known.

11. Toxicological information

Acute toxicity

Product	Species	Test Results
Elanco AH0495 Elector PSP Animal Premise Spray		

Acute

Oral

LD50 Rat > 5000 mg/kg (no mortality)

Components	Species	Test Results
Spinosad (CAS 168316-95-8)		

Acute

Dermal

LD Rabbit > 5000 mg/kg

Inhalation

LC50 Rat > 5180 mg/m³, 4 hours

Oral

LD50 Rat > 2000 mg/kg

Skin corrosion/irritation Rabbit: No irritation. (Spinosad)
Based on available data, the classification criteria are not met.

Serious eye damage/irritation Rabbit: Slight. (Spinosad)
Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Respiratory sensitisation Due to lack of data the classification is not possible.

Skin sensitisation No effects identified in animal studies. (Spinosad)
Based on available data, the classification criteria are not met.

Germ cell mutagenicity In vitro and in vivo tests did not show mutagenic effects. (Spinosad)
Based on available data, the classification criteria are not met.

Carcinogenicity No effects identified in animal studies. (Spinosad)
Based on available data, the classification criteria are not met.

Reproductive toxicity	In laboratory animal studies, effects on reproduction have been seen only at doses that produced significant toxicity to the parent animals. (Spinosad) Based on available data, the classification criteria are not met.
Specific target organ toxicity - single exposure	Due to lack of data the classification is not possible.
Specific target organ toxicity - repeated exposure	In animals, has been shown to cause vacuolation of cells in liver, kidney, and bone tissues and changes in blood and serum biochemistry. Dose levels producing these effects were many times higher than any dose levels expected from exposure due to use. (Spinosad) Based on available data, the classification criteria are not met.
Aspiration hazard	No aspiration toxicity classification
Other information	None known.

12. Ecological information

Ecotoxicity Very toxic to aquatic life with long lasting effects.

Components		Species	Test Results
Spinosad (CAS 168316-95-8)	ErC50	Navicula pelliculosa	0.079 mg/l, 120 h (static)
	NOEC	Navicula pelliculosa	0.036 mg/l
Aquatic			
	Algae	Duckweed (Lemna minor)	1.4 mg/l
Crustacea	EC50	Daphnia	7.37 mg/l, 48 h
		Water flea (Daphnia magna)	> 1 mg/l, 48 h (static)
	NOEC	Water flea (Daphnia magna)	0.0012 mg/l, 21 days (flow through)
	Fish	LC50	Carp (Cyprinus carpio)
	NOEC	Oncorhynchus mykiss	0.5 mg/l Early life-stage (flow through)

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient n-octanol / water (log Kow) No data available.

Bioconcentration factor (BCF)

Spinosad < 500

Mobility in soil Not available.

Other adverse effects Not available.

13. Disposal considerations

Disposal methods Dispose of contents/container in accordance with local/regional/national/international regulations.

14. Transport information

General information Effective January 1, 2015 by Special Provision, UN3077 and UN3082 when packaged in inner packages of 5L / 5 KG or less are not subject to the dangerous goods regulations.

ADG

UN number 3082
UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SPINOSAD)
Transport hazard class(es)
Class 9
Subsidiary risk -
Packing group III
Environmental hazards Yes
Hazchem code D3Z
Special precautions for user Not available.

Not classified as dangerous goods when transported by road or rail in packaging or receptacles not exceeding 500 kg (L) according to ADG 7 SP AU01.

RID

UN number 3082
UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SPINOSAD)

Transport hazard class(es)
Class 9
Subsidiary risk -
Label(s) 9
Packing group III
Environmental hazards Yes
Special precautions for user Not available.

IATA

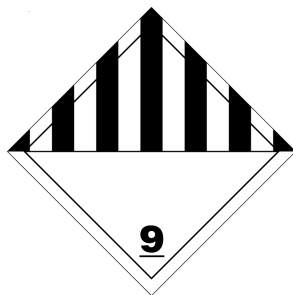
UN number 3082
UN proper shipping name Environmentally hazardous substance, liquid, n.o.s. (SPINOSAD)
Transport hazard class(es)
Class 9
Subsidiary risk -
Packing group III
Environmental hazards Yes
ERG Code 9L
Special precautions for user Not available.
Other information
Passenger and cargo aircraft Allowed with restrictions.
Cargo aircraft only Allowed with restrictions.

IMDG

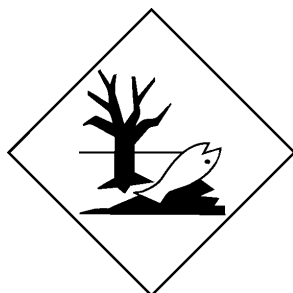
UN number 3082
UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SPINOSAD)
Transport hazard class(es)
Class 9
Subsidiary risk -
Packing group III
Environmental hazards
Marine pollutant Yes
EmS F-A, S-F
Special precautions for user Not available.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not available.

ADG; IATA; IMDG; RID



Marine pollutant



15. Regulatory information

Safety, health and environmental regulations

National regulations

APVMA approval number 59422
Poison Schedule 5

Australia Medicines & Poisons Appendix A

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix B

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix D

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix E

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix F

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix G

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix H

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix I

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix J

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix K

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 10

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 2

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 3

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 4

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 5

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 6

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 7

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 8

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 9

Poisons schedule number not allocated.

High Volume Industrial Chemicals (HVIC)

Not listed.

Importation of Ozone Deleting Substances (Customs(Prohibited imports) Regulations 1956, Schedule 10)

Not listed.

National Pollutant Inventory (NPI) substance reporting list

Not listed.

Prohibited Carcinogenic Substances

Not regulated.

Prohibited Substances (National Model Regulation for the control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994) as amended)

Not listed.

Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)

Not listed.

Restricted Carcinogenic Substances

Not regulated.

International regulations

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto Protocol

Not applicable.

Montreal Protocol

Not applicable.

Basel Convention

Not applicable.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information**Issue date** 23-September-2015**Revision date** 23-January-2019

Disclaimer As of the date of issuance, we are providing available information relevant to the handling of this material in the workplace. All information contained herein is offered with the good faith belief that it is accurate. THIS SAFETY DATA SHEET SHALL NOT BE DEEMED TO CREATE ANY WARRANTY OF ANY KIND (INCLUDING WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE). In the event of an adverse incident associated with this material, this safety data sheet is not intended to be a substitute for consultation with appropriately trained personnel. Nor is this safety data sheet intended to be a substitute for product literature which may accompany the finished product.

For additional information contact:

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Revision information Product and Company Identification: Synonyms
Exposure controls and personal protection: Hygiene measures
Exposure controls and personal protection: Hand protection
Physical and chemical properties: Explosive properties
Toxicological Information: Toxicological Data
Toxicological information: Acute toxicity
Toxicological information: Corrosivity
Transport Information: Material Transportation Information
Other information: Disclaimer
Other information: Key abbreviations or acronyms used
GHS: Classification