

Summary of product characteristics for a biocidal product

Product name: Elector

Product type(s): PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)

PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)

PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)

Authorisation number: CZ-2014-0006

R4BP 3 asset reference number: CZ-0003869-0000

Table Of Contents

Administrative information	1
1.1. Trade names of the product	1
1.2. Authorisation holder	1
1.3. Manufacturer(s) of the biocidal products	1
1.4. Manufacturer(s) of the active substance(s)	2
2. Product composition and formulation	2
2.1. Qualitative and quantitative information on the composition of the biocidal product	2
2.2. Type of formulation	2
3. Hazard and precautionary statements	2
4. Authorised use(s)	3
5. General directions for use	7
5.1. Instructions for use	7
5.2. Risk mitigation measures	8
5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment	9
5.4. Instructions for safe disposal of the product and its packaging	10
5.5. Conditions of storage and shelf-life of the product under normal conditions of storage	10
6. Other information	10

Administrative information

1.1. Trade names of the product

Elector

1.2. Authorisation holder

Name and address of the authorisation holder	Name	Elanco Animal Health Inc.
	Address	Mattenstrasse 24A 4058 Basel Switzerland
Authorisation number	CZ-2014-0006	
R4BP 3 asset reference number	CZ-0003869-0000	
Date of the authorisation	08/03/2013	
Expiry date of the authorisation	17/10/2027	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	Dow AgroSciences LLC, A Subsidiary of Corteva Agriscience
Address of the manufacturer	9330 Zionsville Rd IN 46268 Indianapolis United States
Location of manufacturing sites	Helena Industries, P.O. Box 837, 434 Fenn Road GA 31015 Cordele United States

Name of the manufacturer	CJB industries Inc
Address of the manufacturer	2114 Cypress Street GA 31603-1362 Valdosta United States
Location of manufacturing sites	2114 Cypress Street GA 31603-1362 Valdosta United States

1.4. Manufacturer(s) of the active substance(s)

Active substance	49 - Spinosad
Name of the manufacturer	Dow AgroSciences LLC, A Subsidiary of Corteva Agriscience
Address of the manufacturer	9330 Zionsville Rd IN 46268 Indianapolis United States
Location of manufacturing sites	305 North Huron Avenue MI 48441 Harbor Beach United States

2. Product composition and formulation

2.1. Qualitative and quantitative information on the composition of the biocidal product

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Spinosad	Spinosad as a mixture of 50-95 % spinosyn A and 5-50 % spinosyn D.	Active Substance	168316-95-8	434-300-1	51,81

2.2. Type of formulation

SC - Suspension concentrate (= flowable concentrate)

3. Hazard and precautionary statements

Hazard statements

Very toxic to aquatic life with long lasting effects.

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

Precautionary statements

Avoid release to the environment.

Collect spillage.

Dispose of contents to in accordance with national legislation.

4. Authorised use(s)**4.1 Use description****Use 1 - Poultry red mite - professional users****Product type**

PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)

Where relevant, an exact description of the authorised use

For use by professional users in poultry production facilities including intensive poultry housing

Target organism(s) (including development stage)

Scientific name: Dermanyssus galinae
 Common name: Poultry red mite
 Development stage: Adults

Field(s) of use

Indoor

Application method(s)

Method: Open system: spray treatment
 Detailed description:
 Low-pressure spray
 Low-volume high-pressure spray

Application rate(s) and frequencies

Application Rate: Dilute 90 mL product in 15-18 L water (equivalent to 0.24-0.29% spinosad) to spray onto cages and cracks.
 Dilution (%):
 Number and timing of application:
 Up to 5 applications per year

Category(ies) of users

Trained professional
 Professional

Pack sizes and packaging material

237 mL and 1 L HDPE bottle with screw cap closure, impervious to light

4.1.1 Use-specific instructions for use

Treat the hiding locations of the mites, such as cages, cracks and crevices, but avoid run-off. Do not apply directly onto livestock and avoid spraying food, feed and drinking water.

4.1.2 Use-specific risk mitigation measures

4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

4.2 Use description

Use 2 - Stable fly - professional users

Product type	PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)
Where relevant, an exact description of the authorised use	For use by professional users in animal production facilities including intensive poultry/pig/cattle housing
Target organism(s) (including development stage)	Scientific name: Stomoxys calcitrans Common name: Stable flies Development stage: Adults

Field(s) of use	Indoor
Application method(s)	Method: Open system: spray treatment Detailed description: Low-pressure spray Low-volume high-pressure spray
Application rate(s) and frequencies	Application Rate: Dilute 30 mL product in 15-18 L water (equivalent to 0.08-0.10% spinosad) to spray 500 m ² surface, sprayed onto stable flies and the resting areas of the stable flies. Dilution (%): Number and timing of application: Up to 5 applications per year, the product is effective in reduction of population of <i>S. calcitrans</i> for up to 6 days following single treatment
Category(ies) of users	Trained professional Professional
Pack sizes and packaging material	237 mL and 1 L HDPE bottle with screw cap closure, impervious to light

4.2.1 Use-specific instructions for use

Treat the resting areas of the stable flies, spray carefully the side-walls, locations at the extremities of the building, the upper parts of door frames and beams, but avoid run-off. Apply in the early morning when the stable flies are resting. Avoid spraying food, feed and drinking water.

4.2.2 Use-specific risk mitigation measures

4.2.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

--

4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

--

4.3 Use description

Use 3 - Darkling beetle/Mealworm - professional users

Product type	PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)
Where relevant, an exact description of the authorised use	For use by professional users in poultry production facilities including intensive poultry housing
Target organism(s) (including development stage)	Scientific name: <i>Alphitobius diaperinus</i> Common name: Lesser mealworm Development stage: Adults, Larvae
Field(s) of use	Indoor
Application method(s)	Method: Open system: spray treatment Detailed description: Low-pressure spray Low-volume high-pressure spray
Application rate(s) and frequencies	Application Rate: Dilute 30 mL product in 9-18 L water (equivalent to 0.08-0.16% spinosad) to spray 250m ² surface, sprayed onto cracks and around feeders. Dilution (%): Number and timing of application: Up to 5 applications per year
Category(ies) of users	Trained professional Professional
Pack sizes and packaging material	237 mL and 1 L HDPE bottle with screw cap closure, impervious to light

4.3.1 Use-specific instructions for use

Treat the floor, in particular areas around and under feeders and under drinking facilities, walls and beams, but avoid run-off. Also treat cracks in insulation material and places where beetles or their larvae are spotted or expected to be present. Avoid spraying food, feed and drinking water.

4.3.2 Use-specific risk mitigation measures

4.3.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

4.3.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

4.3.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

5. General directions for use

5.1. Instructions for use

Dilute the product in water and apply on surfaces by spraying. The diluted product is applied as coarse, low-pressure spray or as low-volume high-pressure spray using a knapsack sprayer. The diluted product can be used as a surface treatment or by application to cracks and around feeders.

Equipment used in connection with the product application must not be cleaned after use. All contaminated equipment may be re-used without cleaning (if possible) and always be disposed of safely according to local regulations with no discharge to waste water.

The area, where mixing/loading takes place, must be covered with a disposable plastic sheet in order to avoid contamination of adjacent surfaces and floor.

For the mixing/loading and the application step, the applicator must wear disposable clothes (e.g. paper smocks, aprons, overall) to avoid emissions to the sewer system due to washing of contaminated clothes.

Do not apply products in areas subject to washing/slucing.

Remains of the applied product (e.g. empty packages, exhausted treated supports) and washing water from the treatment equipment must be disposed of according to local waste regulations.

Do not discharge any waste product or washing water from treatment equipment to drains.

5.2. Risk mitigation measures

For professional use only.

Always read the label before use and follow the instructions provided. The dosage indicated in the instructions for use must be observed.

Do not use the product on livestock or animals. Animals may be present in the stable/cages during treatment.

Avoid run-off.

Avoid contamination of feed, water and feeding and drinking equipment.

Do not use as a fog or as a space treatment.

Do not mix with other products in the sprayer.

Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information).

A protective coverall (at least type 4, EN 14605) shall be worn.

Use of respiratory protective equipment (RPE) providing a protection factor of 10 is mandatory. At least half mask with particle filter (type P, White) or particle-filtering half mask (FFP), class 2.

Keep windows and doors open (cross-ventilation, air exchange min. 5 times/h). Time spent in the treated area should be minimized. Do not walk on treated surfaces until the spray has dried.

Do not use in animal housings where exposure to an STP or direct emission to surface water cannot be prevented.

Avoid contamination via drains from farmyards and animal housing/breeding units.

Do not contaminate water with product or contaminated manure/slurry.

All manure/slurry from the premises should be collected and disposed of via land according to national legislation.

This product contains spinosad which is dangerous to bees.

Keep out of reach of children.

Keep general public away from treated surfaces.

Based on the dietary risk assessment the interval between applications should be at least 2 weeks.

5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

First aid measures:

In case of an accident: Call a poison center or a doctor.

If inhaled: Move to fresh air.

If on skin: Wash with water. If skin irritation or rash occurs: get medical advice.

If in eyes: Rinse with water for several minutes. If eye irritation occurs: seek medical advice.

If swallowed: Rinse mouth. Call a poison center or a doctor.

Accidental release measures:

Soak up with inert absorbent material. Do not discharge into drains, water courses, or onto the ground. Avoid discharge to the aquatic environment.

In case of an accidental discharge of a large amount of the concentrated product to surface water, groundwater or sewer inform the appropriate authorities according to local regulations.

5.4. Instructions for safe disposal of the product and its packaging

Wear protective equipment and avoid run-off of the rinsing water

Avoid unnecessary contact with the product.

5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Store in the original container.

Protect from frost.

Store away from food, drink and animal feeding stuffs.

Shelf life: 3 years at ambient conditions.

6. Other information

Resistance management:

This product contains spinosad which is dangerous to bees

It is recommended to apply not more than 5 treatments per year.

The recommended dosage should not be reduced.

Rotate the use of Elector (active substance: spinosad) with products that are based on active substances from another chemical group.

Adopt integrated pest management methods such as the combination of chemical, physical control methods and other public health measures, taking into account local specificities (climatic conditions, target species, conditions of use, etc).

Take into account the life cycle and characteristics of target insects to adapt treatments. In particular, target the most susceptible stage of the pest, timing of applications and areas to be treated.

Do not apply the product in areas where resistance to the active substance contained in this product is suspected or established.

Check the efficacy of the product on site: if needed, causes of reduced efficacy must be investigated to ensure that there is no resistance or to identify potential resistance.

Equipment used for treatments must be appropriate, properly maintained and calibrated.