

SAFETY DATA SHEET


Exzolt

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Section 1: Identification of the Substance and Supplier

Product name	Exzolt
Recommended use	For the treatment and control of poultry red mite infestation in pullets, breeders and layers.
Company details	Schering-Plough Animal Health Ltd 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	6.8B: Reproductive/Developmental toxicant 9.1D: Aquatic ecotoxicant
GHS Pictogram:	
Signal word	Warning
Hazard statement	H361: Suspected of damaging fertility or the unborn child from repeated oral exposure. H413: May cause long-term harmful effects to the aquatic environment.
Prevention statement	P102: Keep out of the reach of children. P103: Read label before use. P202: Do not handle until all safety precautions have been read and understood. P273: Avoid release to the environment. P281: Use personal protective equipment as required.
Response statement	P308 + P313: IF exposed or concerned: Get medical advice/ attention.
Storage	P405: Store locked up.
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	1.0%

Section 4: First Aid Measures

Necessary first aid measures	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. EYE CONTACT Immediately rinse eyes thoroughly with plenty of water. If wearing contact lenses, remove only after initial rinse, and continue rinsing eyes
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for at least 15 minutes. If irritation occurs or persists, consult a doctor.

INGESTION Rinse mouth and drink a glass of water. Do not induce vomiting unless under the direction of a qualified medical professional or Poison Control Centre. If symptoms persist, consult a doctor.

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.

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	No information available
Regulatory requirements	No information available
Extinguishing media and methods	Carbon dioxide (CO ₂), extinguishing powder.
Hazchem code	2Z (Contain spillage)
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. Adsorb spilled product and place in sealable container for disposal. Wash down affected area with water plus detergent. Absorb and collect washings and place in the same sealable container for disposal. Seek advice from the local authority regarding disposal.

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	Emergency Plan required where quantities greater than 10,000L are present. Signage required where quantities greater than 10,000L 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. Keep out of reach of children.
Store site requirements	Store below 30°C.
Packaging	No specific requirements.

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Section 8: Exposure Control/Personal Protection

Occupational exposure limits	No information available.
Application in the workplace	Ensure adequate ventilation. Keep container sealed when not in use.
Exposure standards outside the workplace	No TEL is set for this substance at this time. No 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 yellow to dark yellow solution
Odour	No information available
Odour threshold	No information available
pH	No information available
Melting point/freezing point	No information available
Initial boiling point and boiling range	No information available
Flash point	No information available
Flammability (solid, gas)	No information available
Upper/lower flammability or explosive limits	No information available
Vapour pressure	No information available
Vapour density	No information available
Relative density	1.028 – 1.068
Solubility (ies)	Soluble in water
Partition coefficient: n-octanol/water	No information available
Auto-ignition temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	0.146 mm ² s (23C); 0.63 mm ² s (40C)

Exzolt**Section 10: Stability and Reactivity**

Stability of the substance	Stable under normal conditions.
Conditions to avoid	Avoid high temperatures.
Material to avoid	Avoid food products.
Hazardous decomposition products	Carbon oxides (COx).

Section 11: Toxicological Information**Effects for individual ingredients only**

Acute toxicity	Oral: Fluralaner: LD50: >2000 mg/kg (rat) Dermal: Fluralaner: LD50: >2000 mg/kg (rat)
Aspiration hazard	No information available
Respiratory irritation	No information available
Skin corrosion/irritation	No information available
Serious eye damage/irritation	No information available
Respiratory or skin sensitisation	No information available
Germ cell mutagenicity	No information available
Carcinogenicity	No information available
Reproductive toxicity	Fluralaner: Evidence of developmental toxicity in both rats and rabbits.
Specific organ toxicity	No information available
Narcotic effects	No information available

Section 12: Ecological Information**Effects for individual ingredients only**

Aquatic	Fluralaner: LC50-96hr: 2 mg/L (Common carp) EC50-48hr: 0.0001 - 0.01 mg/L (Daphnia magna) EC50-72hr: >10 mg/L (P. subcapitata)
Terrestrial	No information available
Soil	No information available
Persistence and degradability	Fluralaner was determined to be moderately persistent in aerobic aquatic environments (DT50 40.4 days) but degraded quickly in anaerobic environments (DT50 5.9 days). Fluralaner was found to be persistent in soil in both aerobic and anaerobic environments (DT50 898 days and 974 days respectively).
Bioaccumulative	No information available
Mobility in soil	Fluralaner is slightly mobile in soil
Other adverse effects	

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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. Needle Disposal Discarded needles should immediately be placed in a designated and appropriately labelled 'sharps' container
Reference	Current version of NZS 8409 Management of Agrichemicals

Section 14: Transport Information

Relevant information	Not considered a dangerous good for transport
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Section 15: Regulatory Information

Regulatory status	HSNO Approval Code: HSR101258 For full listings of controls see www.epa.govt.nz ACVM Registration No: A011389 For conditions of registration see www.foodsafety.govt.nz
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Section 16: Other Information

Additional information	Exzolt is a registered trademark.
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