We create chemistry

Safety data sheet

1. Substance/preparation and manufacturer/supplier identification

Product name:
Seclira Pressurised Fly Bait

Use: crop protection product, insecticide

Recommended use: insecticide

Manufacturer/supplier:
BASF Australia Limited (ABN 62 008 437 867)
Level 23, 40 City Road, Southbank
Victoria 3006, AUSTRALIA
Telephone: +61 3 8855-6600

Emergency information:
BASF Emergency Advice Number: 1800 803 440 (24h) [within Australia]
BASF Emergency Advice Number: + 61 3 8855 6666 [outside Australia]

2. Hazard identification

Classification of the substance and mixture:
Specific target organ toxicity — single exposure: Cat.3 (May cause drowsiness and dizziness.)
Specific target organ toxicity — single exposure: Cat.3 (irritating to respiratory system)
Hazardous to the aquatic environment - acute: Cat.2
Hazardous to the aquatic environment - chronic: Cat.2
Aerosols: Cat.2

Label elements and precautionary statement:

Pictogram:



Signal Word:
Warning

Hazard Statement:

H223	Flammable aerosol.
H336	May cause drowsiness or dizziness.
H335	May cause respiratory irritation.
H401	Toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H229	Pressurized container: May burst if heated.

Precautionary Statement:

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.

Precautionary Statements (Prevention):

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271	Use only outdoors or in a well-ventilated area.
P261	Avoid breathing mist or vapour or spray.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.

Precautionary Statements (Response):

P312	Call a POISON CENTER or physician if you feel unwell.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Precautionary Statements (Storage):

P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P410 + P412	Protect from sunlight. Do no expose to temperatures exceeding 50 °C/122°F.
P405	Store locked up.

Precautionary Statements (Disposal):

P501	Dispose of contents and container to hazardous or special waste collection point.

Other hazards which do not result in classification:
See section 12 - Results of PBT and vPvB assessment.
If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

Repeated exposure may cause skin dryness or cracking.

3. Composition/information on ingredients

Chemical nature

Substance nature: mixture

crop protection product, insecticide

Hazardous ingredients

dinotefuran (ISO); (RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine

Content (W/W): 1 %	Acute Tox.: Cat. 4 (oral)
CAS Number: 165252-70-0	Acute Tox.: Cat. 5 (Inhalation - dust)
	Acute Tox.: Cat. 5 (dermal)
	Skin Irrit.: Cat. 3
	Aquatic Acute: Cat. 1
	Aquatic Chronic: Cat. 1
	M-factor acute: 10
	M-factor chronic: 10

2-Propanone

Content (W/W): < 30 %	Asp. Tox.: Cat. 2
CAS Number: 67-64-1	Flam. Liq.: Cat. 2
	Eye Dam./Irrit.: Cat. 2A
	STOT SE: Cat. 3 (drowsiness and dizziness)
	STOT SE: Cat. 3 (irr. to respiratory syst.)

dimethyl ether

Content (W/W): < 20 %	Press. Gas: Cat. Liquef. Gas
CAS Number: 115-10-6	Flam. Gas: Cat. 1A

4. First-Aid Measures

General advice:
First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing.

If inhaled:
Keep patient calm, remove to fresh air, seek medical attention.

On skin contact:
Wash thoroughly with soap and water

On contact with eyes:
Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:
Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

Note to physician:
Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11., (Further) symptoms and / or effects are not known so far

Hazards: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11. (Further) symptoms and / or effects are not known so far
Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Suitable extinguishing media:
water spray, dry powder, foam, carbon dioxide

Specific hazards:
carbon monoxide, carbon dioxide, nitrogen oxides
The substances/groups of substances mentioned can be released in case of fire. Aerosol container contains flammable gas under pressure.

Special protective equipment:
Wear self-contained breathing apparatus and chemical-protective clothing.

Further information:
Keep containers cool by spraying with water if exposed to fire. In case of fire and/or explosion do not breathe fumes. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. Accidental Release Measures

Personal precautions:
Do not breathe vapour/spray.Use personal protective clothing.Avoid contact with the skin, eyes and clothing.

Environmental precautions:
Do not discharge into the subsoil/soil.Do not discharge into drains/surface waters/groundwater.

Methods for cleaning up or taking up:
For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).
For large amounts: Dike spillage. Pump off product.
Dispose of absorbed material in accordance with regulations. Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations. Wear suitable protective equipment.

7. Handling and Storage

Handling

No special measures necessary if stored and handled correctly. Ensure thorough ventilation of stores and work areas. When using do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift.

Protection against fire and explosion:
Vapours may form ignitable mixture with air. Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy.

Storage

Segregate from foods and animal feeds.
Further information on storage conditions: Keep away from heat. Protect from direct sunlight. Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame.

Protect from temperatures above: 50 °C
The packed product must be protected against exceeding the indicated temperature.

8. Exposure controls and personal protection

Components with occupational exposure limits

acetone, 67-64-1;
TWA value 250 ppm (ACGIHTLV)
STEL value 500 ppm (ACGIHTLV)
TWA value 1,185 mg/m3 ; 500 ppm (AU NOEL)
STEL value 2,375 mg/m3 ; 1,000 ppm (AU NOEL)

dimethyl ether, 115-10-6;
STEL value 950 mg/m3 ; 500 ppm (AU NOEL)
TWA value 760 mg/m3 ; 400 ppm (AU NOEL)

Personal protective equipment

Respiratory protection:
Suitable respiratory protection for lower concentrations or short-term effect: Combination filter for gases/vapours of organic, inorganic, acid inorganic, alkaline compounds and toxic particles (e. g. EN 14387 Type ABEK-P3)

Hand protection:
Hand protection not required.

Suitable chemical resistant safety gloves (EN ISO 374-1) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN ISO 374-1): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) etc.

Eye protection:
Eye protection not required.

Body protection:
Body protection not required.

General safety and hygiene measures:
Wearing of closed work clothing is recommended. Store work clothing separately. Keep away from food, drink and animal feeding stuffs.

9. Physical and Chemical Properties

Form:	liquid
Colour:	pale straw yellow
Odour:	of acetone
Odour threshold:	Not determined due to potential health hazard by inhalation.
pH value:	approx. 8 - 10 (deionized water, 1 %(m), 25 °C)
Melting point:	The product has not been tested.
Boiling point:	approx. -23.7 °C Information applies to the solvent.
Flash point:	-41 °C Information applies to the solvent.
Evaporation rate:	not applicable
Flammability (solid/gas):	Highly flammable.
Lower explosion limit:	3.3 %(V) Information applies to the solvent.
Upper explosion limit:	26.2 %(V) Information applies to the solvent.
Ignition temperature:	350 °C Information applies to the solvent.
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.
Explosion hazard:	Based on the chemical structure there is no indication of explosive properties.
Fire promoting properties:	Based on its structural properties the product is not classified as oxidizing.
Vapour pressure:	approx. 5,100 hPa (20 °C) Information applies to the solvent.
Density:	approx. 1.00 g/cm3 (20 °C)
Relative vapour density (air):	not applicable
Solubility in water:	dispersible
Partitioning coefficient n-octanol/water (log Pow):	The statements are based on the properties of the individual components.

Information on: dinotefuran (ISO); (RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine
Partitioning coefficient n-octanol/water (log Pow): -0.549
(25 °C)

Viscosity, dynamic: approx. 2.34 mPa.s
(20 °C)

Other Information:
If necessary, information on other physical and chemical parameters is indicated in this section.

Particle characteristics

Particle size distribution: The substance / product is marketed or used in a non solid or granular form. -

10. Stability and Reactivity

Conditions to avoid:
See SDS section 7 - Handling and storage.

Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.

Substances to avoid:
strong acids, strong bases, strong oxidizing agents

Hazardous reactions:
No hazardous reactions if stored and handled as prescribed/indicated.

Hazardous decomposition products:
No hazardous decomposition products if stored and handled as prescribed/indicated.

Chemical stability:
The product is stable if stored and handled as prescribed/indicated.

Reactivity:
No hazardous reactions if stored and handled as prescribed/indicated.

11. Toxicological Information

Routes of exposure

Acute oral toxicity

Experimental/calculated data:
LD50rat (oral): > 5,000 mg/kg (OECD Guideline 425)
No mortality was observed.

Acute inhalation toxicity

LC50 rat (by inhalation): > 5.09 mg/l 4 h (OECD Guideline 403)
No mortality was observed.

Acute dermal toxicity

LD50 rat (dermal): > 5,000 mg/kg (OECD Guideline 402)
No mortality was observed.

Assessment of acute toxicity

Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation.

Symptoms

Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11.
(Further) symptoms and / or effects are not known so far

Irritation

Assessment of irritating effects:
Not irritating to eyes and skin.

Experimental/calculated data:
Skin corrosion/irritation rabbit: non-irritant (OECD Guideline 404)

Serious eye damage/irritation rabbit: non-irritant (OECD Guideline 405)

Respiratory/Skin sensitization

Assessment of sensitization:
There is no evidence of a skin-sensitizing potential.

Experimental/calculated data:
Buehler test guinea pig: Non-sensitizing. (OECD Guideline 406)

Germ cell mutagenicity

Assessment of mutagenicity:
Mutagenicity tests revealed no genotoxic potential. The product has not been tested. The statement has been derived from the properties of the individual components.

Carcinogenicity

Assessment of carcinogenicity:
The results of various animal studies gave no indication of a carcinogenic effect. The product has not been tested. The statement has been derived from the properties of the individual components.

Reproductive toxicity

Assessment of reproduction toxicity:
The results of animal studies gave no indication of a fertility impairing effect. The product has not been tested. The statement has been derived from the properties of the individual components.

Developmental toxicity

Assessment of teratogenicity:

Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals. The product has not been tested. The statement has been derived from the properties of the individual components.

Specific target organ toxicity (single exposure)

Possible narcotic effects (drowsiness or dizziness). Causes temporary irritation of the respiratory tract.

Remarks: The product has not been tested. The statement has been derived from the properties of the individual components.

Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:
No substance-specific organtoxicity was observed after repeated administration to animals. The product has not been tested. The statement has been derived from the properties of the individual components.

Aspiration hazard

not applicable

Other relevant toxicity information

Misuse can be harmful to health.

Has a degreasing effect on skin.

12. Ecological Information

Ecotoxicity

Assessment of aquatic toxicity:
Toxic to aquatic life with long lasting effects.
The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: dinotefuran (ISO); (RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine
Toxicity to fish:
LC50 (96 h) > 100 mg/l, Cyprinus carpio

Information on: dinotefuran (ISO); (RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine
Aquatic invertebrates:
EC50 (48 h) > 1,000 mg/l, Daphnia magna

EC50 (96 h) 0.79 mg/l, Mysidopsis bahia

LC50 (48 h) 0.0721 mg/l, Chironomus riparius

Information on: dinotefuran (ISO); (RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine
Aquatic plants:
EC50 (72 h) 97.6 mg/l (biomass), Pseudokirchneriella subcapitata
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Information on: dinotefuran (ISO); (RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine
Chronic toxicity to aquatic invertebrates:
No observed effect concentration (27 d), 0.003 mg/l, Chironomus riparius
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Mobility

Assessment transport between environmental compartments:
The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: dinotefuran (ISO); (RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine
Assessment transport between environmental compartments:
Following exposure to soil, the product trickles away and can - dependant on degradation - be transported to deeper soil areas with larger water loads.

Persistence and degradability

Assessment biodegradation and elimination (H2O):
The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: dinotefuran (ISO); (RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine
Assessment biodegradation and elimination (H2O):
Not readily biodegradable (by OECD criteria).

Bioaccumulation potential

Assessment bioaccumulation potential:
The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: dinotefuran (ISO); (RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine
Assessment bioaccumulation potential:
Because of the n-octanol/water distribution coefficient (log Pow) accumulation in organisms is not to be expected.

Additional information

Other ecotoxicological advice:
Do not discharge product into the environment without control.

13. Disposal Considerations

Must be sent to a suitable incineration plant, observing local regulations.

Contaminated packaging:
Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.
Emptied gas pressure vessels must not be opened.

14. Transport Information

Domestic transport:

UN number or ID number:	UN 1950
UN proper shipping name:	AEROSOLS (DINOTEFURAN)
Transport hazard class(es):	2.1, EHSM
Packing group:	Not applicable
Environmental hazards:	yes
Special precautions for user:	None known

Further information
IERG Number:49

Sea transport
IMDG

UN number or ID number:	UN 1950
UN proper shipping name:	AEROSOLS (DINOTEFURAN)
Transport hazard class(es):	2.1, EHSM
Packing group:	Not applicable
Environmental hazards:	yes Marine pollutant: YES
Special precautions for user:	EmS: F-D; S-U

Air transport
IATA/ICAO

UN number or ID number:	UN 1950
UN proper shipping name:	AEROSOLS, FLAMMABLE (DINOTEFURAN)
Transport hazard class(es):	2.1
Packing group:	Not applicable
Environmental hazards:	No Mark as dangerous for the environment is needed
Special precautions for user:	None known

Maritime transport in bulk according to IMO instruments

Maritime transport in bulk is not intended.

15. Regulatory Information

Other regulations

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP): Not Scheduled

APVMA Approval No.: 83016

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

Registration status:

AICIS, AU

Contains non-registered, non-listed substance., Individual registration may be required., Please contact your BASF representative.

16. Other Information

Vertical lines in the left hand margin indicate an amendment from the previous version.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.