



# SAFETY DATA SHEET


## 1. Identification

<b>Product identifier</b>	<b>Clik Spray-On Sheep Blowfly Treatment</b>
<b>Other means of identification</b>	
<b>Synonyms</b>	A-9568B
<b>Item Code</b>	AH2015
<b>Recommended use of the chemical and restrictions on use</b>	
<b>Recommended use</b>	Veterinary Product
<b>Restrictions on use</b>	Not available.
<b>Details of manufacturer or importer</b>	
<b>Company name</b>	Elanco Australasia Pty Ltd. ACN: 076 745 198
<b>Address</b>	112 Wharf Road West Ryde, NSW 2114 Australia
<b>Telephone</b>	1800 226 324 (toll free)
<b>E-mail</b>	elanco_sds@elanco.com
<b>Emergency phone number</b>	Elanco Australasia 1800 226 324 (toll free)
<b>24 hr emergency contact number</b>	CHEMWATCH 1800 039 008 (spills and accidents)
<b>24 hr emergency contact number (Local)</b>	CHEMWATCH +61 2 9186 1132 (spills and accidents)

## 2. Hazard(s) identification

<b>Classification of the hazardous chemical</b>	
<b>Physical hazards</b>	Not classified.
<b>Health hazards</b>	Not classified.
<b>Environmental hazards</b>	Hazardous to the aquatic environment, acute hazard      Category 3 Hazardous to the aquatic environment, long-term hazard      Category 1

### Label elements, including precautionary statements

<b>Hazard symbol(s)</b>	
	Environment
<b>Signal word</b>	Warning
<b>Hazard statement(s)</b>	Harmful to aquatic life with long lasting effects.
<b>Precautionary statement(s)</b>	
<b>Prevention</b>	Avoid release to the environment.
<b>Response</b>	Collect spillage.
<b>Storage</b>	Not available.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Other hazards which do not result in classification</b>	None known.

Supplemental information None.

### 3. Composition/information on ingredients

#### Mixture

Identity of chemical ingredients	CAS number and other unique identifiers	Concentration of ingredients
DICYCLANIL DICYCLANIL Technical DICYCLANIL GROUND CGA 183893	112636-83-6	5

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

### 4. First-aid measures

#### Description of necessary first aid measures

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Wash off with soap and water. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Rinse with water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur.
<b>Personal protection for first-aid responders</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
<b>Symptoms caused by exposure</b>	None known.
<b>Medical attention and special treatment</b>	Treat symptomatically.

### 5. Fire-fighting measures

#### Extinguishing media

<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for fire fighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	Move containers from fire area if you can do so without risk.
<b>Hazchem code</b>	3Z
<b>General fire hazards</b>	No unusual fire or explosion hazards noted.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

<b>For non-emergency personnel</b>	Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.
<b>For emergency responders</b>	Keep unnecessary personnel away.
<b>Environmental precautions</b>	Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

**Methods and materials for containment and cleaning up**

Prevent product from entering drains.

Large Spills: Stop the flow of material, if this is without risk. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use.

**7. Handling and storage****Precautions for safe handling**

Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities**

Store in original tightly closed container. Storage temperature: between 2 C and 30 C.

**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).

**Exposure guidelines**

Elanco OEL: 0.05 mg/m<sup>3</sup> 8 hour TWA (Dicyclanil)

**Appropriate engineering controls**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**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**

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier. (AS/NZS 2161)

**Other**

Wear suitable protective clothing.

**Respiratory protection**

In case of insufficient ventilation, wear suitable respiratory equipment. (AS/NZS 1715)

**Thermal hazards**

Not available.

**Hygiene measures**

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**9. Physical and chemical properties****Appearance**

Suspension.

**Physical state**

Liquid.

**Form**

Liquid.

**Colour**

Pink

**Odour**

Slight

**Odour threshold**

Not available.

**pH**

5.5 - 7.5

**Melting point/freezing point**

Not available.

**Initial boiling point and boiling range**

Not available.

**Flash point**

> 100.0 °C (> 212.0 °F)

**Evaporation rate**

Not available.

**Flammability (solid, gas)**

Not applicable.

**Upper/lower flammability or explosive limits****Flammability limit - lower (%)**

Not available.

**Flammability limit - upper (%)**

Not available.

**Explosive limit - lower (%)**

Not available.

<b>Explosive limit – upper (%)</b>	Not available.
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other physical and chemical parameters</b>	
<b>Explosive properties</b>	Not explosive.
<b>Oxidising properties</b>	Not oxidising.

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidising agents.
<b>Hazardous decomposition products</b>	No hazardous decomposition products are known.

## 11. Toxicological information

### Acute toxicity

Components	Species	Test Results
DICYCLANIL (CAS 112636-83-6)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rat	> 2000 mg/kg OECD Test Guideline 402
<b>Inhalation</b>		
LC50	Rat	3184 mg/m <sup>3</sup> , 4 hours OECD Test Guideline 403
<b>Oral</b>		
LD50	Rat	520 mg/kg OECD Test Guideline 401
<b>Skin corrosion/irritation</b>	Rabbit: No irritation. (Dicyclanil) Based on available data, the classification criteria are not met.	
<b>Serious eye damage/irritation</b>	Rabbit: No irritation (Dicyclanil) Based on available data, the classification criteria are not met.	
<b>Respiratory or skin sensitisation</b>		
<b>Respiratory sensitisation</b>	Due to lack of data the classification is not possible.	
<b>Skin sensitisation</b>	Guinea pig: Not a skin sensitizer. (Dicyclanil) Based on available data, the classification criteria are not met.	
<b>Germ cell mutagenicity</b>	Results in genetic toxicity assays (in vitro): Negative In vivo micronucleus test: Negative (Dicyclanil) Based on available data, the classification criteria are not met.	
<b>Carcinogenicity</b>	No evidence for carcinogenicity in long term studies with rats and male mice. Liver tumors reported in female mice at high doses. (Dicyclanil) Based on available data, the classification criteria are not met.	
<b>Reproductive toxicity</b>	Delayed fetal development reported along with maternal toxicity. (Dicyclanil) Based on available data, the classification criteria are not met.	

**Specific target organ toxicity - single exposure** No significant target organ toxicity reported. (Dicyclanil)  
Based on available data, the classification criteria are not met.

**Specific target organ toxicity - repeated exposure** No significant target organ toxicity reported. (Dicyclanil)  
Based on available data, the classification criteria are not met.

**Aspiration hazard** Not an aspiration hazard.

## 12. Ecological information

**Ecotoxicity** Very toxic to aquatic life with long lasting effects.

Components		Species	Test Results
DICYCLANIL (CAS 112636-83-6)			
	LC50	Earthworm (Eisenia foetida)	> 1000 mg/kg, 14 days
		Mallard Duck (Anas platyrhynchos)	> 5000 ppm, 5 days
		Trout	60 mg/l, 96 hours OECD Test Guideline 203
	LD50	Mallard Duck (Anas platyrhynchos)	500 - 1620 mg/kg
	NOEC	Midge (Chironomus riparius)	0.0025 mg/l, 28 days (water-spiked)
<b>Aquatic</b>			
	EC50	Sewage sludge	> 100 mg/l, 3 hours
Algae	EbC50	Green Algae (Scenedesmus subspicatus)	24 mg/l, 72 hours OECD Test Guideline 201
	NOEC	Green Algae (Scenedesmus subspicatus)	9.6 mg/l, 72 hours
Crustacea	EC50	Water flea (Daphnia magna)	1.1 mg/l, 48 hours OECD Test Guideline 202
	NOEC	Water flea (Daphnia magna)	0.027 mg/l, 21 days 0.006 mg/l, 21 days
Fish	LC50	Bluegill (Lepomis macrochirus)	> 68 mg/l, 96 hours OECD Test Guideline 203

**Persistence and degradability** Not readily degradable. (Dicyclanil)

### Bioaccumulative potential

**Partition coefficient  
n-octanol / water (log Kow)**  
DICYCLANIL

0.51 (pH 5) (25°C)  
0.68 (pH 5) (25°C)  
0.69 (pH 5) (25°C)

**Mobility in soil** No data available for this product.

**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

### ADG

**UN number** 3082  
**UN proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DICYCLANIL)  
**Transport hazard class(es)**  
**Class** 9  
**Subsidiary risk** -  
**Packing group** III  
**Environmental hazards** Yes  
**Hazchem code** •3Z  
**Special precautions for user** Not available.

### RID

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

**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. (DICYCLANIL)  
**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**

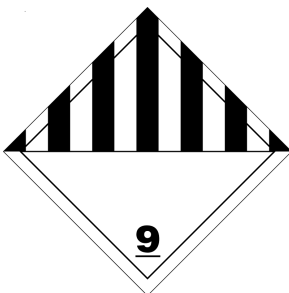
**Passenger and cargo aircraft** Allowed with restrictions.  
**Cargo aircraft only** Allowed with restrictions.

**IMDG**

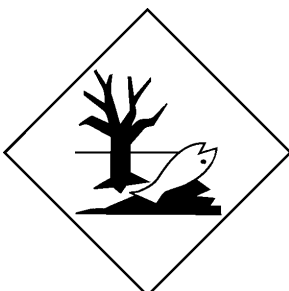
**UN number** 3082  
**UN proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DICYCLANIL)  
**Transport hazard class(es)**  
**Class** 9  
**Subsidiary risk** -  
**Packing group** III  
**Environmental hazards**  
**Marine pollutant** Yes  
**EmS** F-A, S-F  
**Special precautions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

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

**ADG; IATA; IMDG; RID**



**Marine pollutant**



## 15. Regulatory information

### Safety, health and environmental regulations

**National regulations** APVMA approval number 50005  
Poison Schedule 0

**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**

DICYCLANIL (CAS 112636-83-6)

**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 Depleting 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	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	No
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** 27-July-2017

**Revision date** 06-February-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:  
Elanco Animal Health  
0011+1-877-352-6261  
0011+1-800-428-4441

**Revision information** Handling and storage: Conditions for safe storage, including any incompatibilities  
Exposure controls and personal protection: Hand protection  
Physical & Chemical Properties: Multiple Properties  
Toxicological information: Corrosivity  
Other information: Disclaimer  
GHS: Classification