

## Section 1 - Identification of The Material and Supplier

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**2 Mavron St.**  
**Ashwood, Vic 3147**

**Phone: (03) 86442677 (office hours)**  
**1300 82 89 88**

**Chemical nature:** 50g/l dicyclanil spray on  
**Trade Name:** Talentcare spray on sheep blowfly treatment  
**APVMA Code:** 90849/130202  
**Product Use:** Veterinary product for use as described on the product label.  
**Creation Date:** May 2021  
**This version issued:** May, 202121 and is valid for 5 years from this date.  
**Poisons Information Centre: Phone 1800 039 008 from anywhere in Australia**

## Section 2 - Hazards Identification

### 2.1 Classification of the substance or mixture

Classification according to Regulation(EC) No 1272/2008 as amended.

Environmental hazards

Hazardous to the aquatic environment, long-term hazard  
Categor 3 Harmful to aquatic life with long lasting effects

### 2.2 Label elements

Label according to Regulation(EC) No 1272/2008 as amended

**Hazard pictograms** None.  
**Signal word** None.  
**Hazard statements** Harmful to aquatic life with long lasting effects.

Precautionary statements

**Prevention** Avoid release to the environment.  
**Response** Not available.  
**Storage** Not available.  
**Disposal** Not available

Supplemental label information None.

**2.3 Other hazards** None known

## Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc, g/Ltr	TWA (mg/m <sup>3</sup> )	STEL (mg/m <sup>3</sup> )
Dicyclanil	112636-83-6	50	not set	not set
Other ingredients(including water)		balance	not set	not set

Determined not to be hazardous

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak "is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

## Section 4 - First Aid Measures

### General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 1800 039 008 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

**Inhalation:** No first aid measures normally required. However, if inhalation has occurred, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.

**Skin Contact:** Wash off with soap and water. Get medical attention if irritation develops and persists.

**Eye Contact:** Rinse with water. Immediately flush the contaminated eye(s) with lukewarm, gently flowing water until the particles are removed, while holding the eyelid(s) open. Obtain medical attention if irritation persists, or if particles are lodged in surface of the eye(s). Take special care if exposed person is wearing contact lenses.

**Ingestion:** Rinse mouth. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

## Section 5 - Fire Fighting Measures

**Fire and Explosion Hazards:** This product is a combustible liquid (C1)

**Extinguishing Media:** In case of fire, use carbon dioxide, dry chemical, foam, water fog, coarse water spray. Water fog or fine spray is the preferred medium for large fires. If waterspray is used, contain all runoff.

**Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire.

**Fire Fighting:** If a significant quantity of this product is involved in a fire, call the fire brigade. There is little danger of a violent reaction or explosion if significant quantities of this product are involved in a fire. Recommended personal protective equipment is full fire kit and breathing apparatus.

**Flash point:** Not flammable.

**Upper Flammability Limit:** No data.

**Lower Flammability Limit:** No data.

**Autoignition temperature:** No data.

**Flammability Class:** No data.

## Section 6 - Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

For Non-emergency personnel: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8.

For emergency responders: Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

Environmental precautions: 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: Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. 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. For waste disposal, see section 13 of the SDS.

## Section 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 and incompatibilities:** Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS). Storage temperature: between 2 C and 30 C.

## Section 8 - Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: **AS/NZS 4501** set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

**Control Parameters Occupational exposure limites:** no exposure limits noted for ingredients.

**Biological limit values:** No biological exposure limits noted for the ingredients.

**Exposure guidelines:** Novatis Internal Exposure Limit(NPIEL): 0.05mg/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.

**Eye Protection:** Eye protection is not normally necessary when this product is being used. However, if in doubt, wear suitable protective glasses or goggles.

**Skin Protection:** You should avoid contact even with mild skin irritants. Therefore you should wear suitable impervious elbow-length gloves and facial protection when handling this product. See below for suitable material types.

**Protective Material Types:** We suggest that protective clothing be made from the following materials: PVC, nitrile.

**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.

## Section 9 - Physical and Chemical Properties:

<b>Physical Description &amp; colour:</b>	Suspension Pink liquid
<b>Odour:</b>	Slight.
<b>Boiling Point:</b>	
<b>Freezing/Melting Point:</b>	No specific data. Liquid at normal temperatures.
<b>Flash point</b>	>100.C
<b>Volatiles:</b>	No data.
<b>Vapour Pressure:</b>	No data.
<b>Vapour Density:</b>	No data.
<b>Specific Gravity:</b>	1.1-1.2
<b>Water Solubility:</b>	suspension.
<b>pH:</b>	4.7-7.5.
<b>Volatility:</b>	No data.
<b>Odour Threshold:</b>	No data.
<b>Evaporation Rate:</b>	No data.
<b>Coeff Oil/water Distribution:</b>	No data
<b>Autoignition temp:</b>	No data.

## Section 10 - Stability and Reactivity

**Reactivity:** The product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical stability:** Material is stable under normal conditions.

**Conditions to Avoid:** Contact with incompatible materials.

**Incompatibilities:** Strong oxidising agents..

**Hazardous decomposition:** No hazardous decomposition products are known.

## Section 11 - Toxicological Information

**Local Effects:**

**Target Organs:** There is no data to hand indicating any particular target organs.

11.1 Information on toxicological effects

Components	Species	Test results.
Acute		
Dermal LD50	Rat	>2000mg/kg OECD test guideline 402
Inhalation LC50	Rat	3184mg/m <sup>3</sup> , 4 hours OECD Test Guideline 403
Oral LD50	Rat	520mg/kg OECD Test Guideline 401

- Estimates for product may be based on additional component data not shown.

Skin Coorosion/Irritation Based on available data, the classification criteria are not met.  
 Corrosivity  
 Dicyclanil OECD test guideline 404 Result: No skin irritation. Species: Rabbit

Serious eye damage/eye irritation Based on available data, the classification criteria are not met.

Skin sensitisation Based on available data, the classification criteria are not met.  
 Corrosivity  
 Dicyclanil OECD Test Guideline 406 Result no sensitizing. Species: Guinea pig

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. Based on available data , the classification criteria are not met.

Mutagenicity  
 Dicyclanil Ames test result: Negative. Micronucleus test result: Negative. Species: Mouse.

Carcinogenicity Not available.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity-single exposure : not classified.

Specific target organ toxicity-repeated exposure : not classified.

Aspiration hazard not an aspiration hazard.

Mixture versus substance information no information available.

## Section 12 - Ecological Information

Ecotoxicity Components	Harmful to aquatic life with long lasting effects.		
	Species	Test results	
DICYCLANIL (CAS 112636-83-6)			
Acute			
	LC50	Trout	60 mg/l, 96 hours OECD Test Guideline 203
	LD50	Mallard Duck ( <i>Anas platyrhynchos</i> )	500 - 1620 mg/kg
Chronic			
	LC50	Mallard Duck ( <i>Anas platyrhynchos</i> )	> 5000 ppm, 5 days
<b>Aquatic</b>			
Acute			
	EC50	Sewage sludge	> 100 mg/l, 3 hours
Algae	EbC50	Green Algae ( <i>Scenedesmus subspicatus</i> )	24 mg/l, 72 hours OECD Test Guideline 201
Crustacea	EC50	Daphnia	1.1 mg/l, 48 hours OECD Test Guideline 202
Fish	LC50	Bluegill ( <i>Lepomis macrochirus</i> )	> 68 mg/l, 96 hours OECD Test Guideline 203
<b>Terrestrial</b>			
Chronic			
Other	LC50	Earthworm ( <i>Eisenia foetida</i> )	> 1000 mg/kg, 14 days

\* Estimates for product may be based on additional component data not shown.

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

**Bioaccumulative potential**

**Partition coefficient n-octanol/water(logKow)**

**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 No other adverse environmental effects(e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## Section 13 - Disposal Considerations

**Disposal:** Special help is available for the disposal of Agricultural Chemicals. The product label will give general advice regarding disposal of small quantities, and how to cleanse containers. However, for help with the collection of unwanted rural chemicals, contact ChemClear 1800 008 182 <http://www.chemclear.com.au/> and for help with the disposal of empty drums, contact DrumMuster <http://www.drummuster.com.au/> where you will find contact details for your area.

## Section 14 - Transport Information

### ADG

Not regulated as dangerous goods.

### RID

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

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

## Section 15 - Regulatory Information

**AICS:** All of the significant ingredients in this formulation are compliant with NICNAS regulations.

## Section 16 - Other Information

**This SDS contains only safety-related information. For other data see product literature.**

### Acronyms:

<b>ADG Code</b>	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 <sup>th</sup> edition)
<b>AICS</b>	Australian Inventory of Chemical Substances
<b>SWA</b>	Safe Work Australia, formerly ASCC and NOHSC
<b>CAS number</b>	Chemical Abstracts Service Registry Number
<b>Hazchem Code</b>	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
<b>IARC</b>	International Agency for Research on Cancer
<b>NOS</b>	Not otherwise specified
<b>NTP</b>	National Toxicology Program (USA)
<b>R-Phrase</b>	Risk Phrase
<b>SUSMP</b>	Standard for the Uniform Scheduling of Medicines & Poisons
<b>UN Number</b>	United Nations Number

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (December 2011)  
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