

SECTION 1 : IDENTIFICATION AND CONTACTS	
Product Name	NEOVEK SPRAY ON SHEEP BLOWFLY TREATMENT
Company Name	Neove Pharma Australia Pty Ltd (ACN 140 367 442)
Address	Level 3, 276 Pitt Street, Sydney NSW 2000
Email	info@neovepharma.com.au
Customer Line	For Non-emergency Calls: 1300 052 066
Emergency Telephone	Poisons Information Centre : 13 11 26 anywhere in Australia
Creation Date	December, 2021 (Version 2.0)

SECTION 2 : HAZARDS IDENTIFICATION	
Classifications	<p>Xn, Harmful. N, Dangerous to the environment. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.</p> <p>Category 3 - Hazardous to the Aquatic Environment-Acute Hazard. H402: Harmful to aquatic life. P261: Avoid breathing fumes, mists, vapours or spray. P262: Do not get in eyes, on skin, or on clothing. P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P370+P378: Not combustible. Use extinguishing media suited to burning materials. P391: Collect spillage. P501: Dispose of contents and containers as specified on the registered label.</p>
Precautionary statements	Prevention - Avoid release to the environment.

SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS			
Constituent name	CAS No.	Proportion	TWA/ STEL
DICYCLANIL	112636-83-6	5-6%	-
Other components below reportable levels	-	to 100%	-

SECTION 4 : FIRST AID MEASURES

	Call Poisons Information Centre Phone Australia 131 126 (24 Hour service), if feel poisoned or irritated by this product.
Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin	Wash off with soap and water thoroughly. Get medical attention if irritation develops and persists.
Eye	This product may be irritating to eyes, but is unlikely to cause anything more than mild transient discomfort. Flush the contaminated eye(s) gently with water until the product is removed. Get medical attention if irritation develops and persists.
Ingestion	This product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort. If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. Get medical attention if symptoms occur.

SECTION 5 : FIRE FIGHTING MEASURES

Extinguishing Media	Not combustible. Use extinguishing media suited to burning materials. Avoid the use of water jets as an extinguisher, as this will spread the fire.
Fire and Explosion Hazards	The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.
Fire Fighting	If a significant quantity of this product is involved in a fire, call the fire brigade.
Flash point	Does not burn.
Auto ignition temperature	Not applicable - does not burn.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Accidental release	Minor spills do not normally need any special cleanup measures. In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum, wear overalls, goggles and gloves. No special recommendations for clothing materials. Eye/face protective equipment should comprise as a minimum, protective goggles. If there is a significant chance that vapours or mists are likely to build up in the cleanup area, we recommend that you use a respirator. Usually, no respirator is necessary when using this product. However, if you have any doubts consult the
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	<p>Australian Standard mentioned below (section 8). Otherwise, not normally necessary. Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Recycle containers wherever possible after careful cleaning. Refer to product label for specific instructions. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. Full details regarding disposal of used containers, spillage and unused material may be found on the label. If there is any conflict between this MSDS and the label, instructions on the label prevail. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.</p>
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SECTION 7 : HANDLING AND STORAGE

Handling	<p>Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this MSDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.</p>
Storage	<p>Protect this product from light. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Some liquid preparations settle or separate on standing and may require stirring before use. Check packaging - there may be further storage instructions on the label.</p>

SECTION 8 : EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits	<p>Occupational exposure limits - No exposure limits noted for ingredient(s). Biological limit values - No biological exposure limits noted for the ingredient(s).</p>
Appropriate engineering controls	<p>Exposure guidelines - 0.05 mg/m³ 8 hour TWA (Dicyclanil) 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.</p>

Eye Protection	Wear safety glasses with side shields (or goggles).
Skin Protection	Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier. Wear suitable protective clothing.
Ventilation	No special ventilation requirements are normally necessary for this product. However make sure that the work environment remains clean and that dusts are minimized.
Respirator	In case of insufficient ventilation, wear suitable respiratory equipment.
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 & CHEMICAL PROPERTIES

Appearance	Pink suspension.
Physical State	Liquid.
Freezing/Melting Point	Not Available. Liquid at normal temperatures.
Specific Gravity	1.01-1.03 at 20°C
pH	Not Available.
Autoignition temp	Not applicable - does not burn.

SECTION 10 : STABILITY & REACTIVITY

Chemical stability	Material is stable under normal conditions.
Conditions to Avoid	Contact with incompatible materials. Protect this product from light. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight.
Incompatible Materials	Strong acids, strong bases, strong oxidising agents.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport
Polymerisation	This product will not undergo polymerisation reactions.

SECTION 11 : TOXICOLOGICAL INFORMATION

DICYCLANIL (CAS 112636-83-6)	Acute	Species	Test Results
	Dermal LD50	Rat	> 2000 mg/kg OECD Test Guideline 402

	Inhalation LC50	Rat	3184 mg/m ³ , 4 hours OECD Test Guideline 403
	Oral LD50	Rat	520 mg/kg OECD Test Guideline 401
Skin corrosion/irritation	Based on available data, the classification criteria are not met.		
Serious eye damage/eye irritation	Based on available data, the classification criteria are not met.		
Respiratory sensitisation	Not a respiratory sensitizer.		
Mutagenicity	Ames test Result: negative Micronucleus Test Result: negative		
Reproductive toxicity	Species: Mouse This product is not expected to cause reproductive or developmental effects		

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity DICYCLANIL (CAS 112636-83-6)	Harmful to aquatic life with long lasting effects.		
	Species	Test Results	
LC50	Trout	60 mg/l, 96 hours OECD Test Guideline 203	
LD50	Mallard Duck	500 - 1620 mg/kg	
LC50	Mallard Duck	5000 ppm, 5 days	
EC50	Sewage sludge	100 mg/l, 3 hours	
EbC50	Green Algae	24 mg/l, 72 hours OECD Test Guideline 201	
EbC50	Daphnia	1.1 mg/l, 48 hours OECD Test Guideline 202	
LC50	Bluegill	> 68 mg/l, 96 hours OECD Test Guideline 203	
LC50	Earthworm	1000 mg/kg, 14 days	
Bioaccumulative potential	Partition coefficient - n-octanol / water (log Kow) 0.51 (pH 5) (25° C) 0.68 (pH 5) (25° C)		

	0.69 (pH 5) (25° C)
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SECTION 13 : DISPOSAL INFORMATION

Disposal methods

Do not allow this material to drain into sewers/water supplies.

Triple-rinse container and dispose of rinsate in compliance with relevant local, state or territory government regulations. Do not dispose of undiluted chemicals on-site. If recycling, replace cap and return clean container to recycler or designated collection point. If not recycling, break, crush, or puncture container and deliver to an approved waste management facility. If an approved waste management facility is not available, bury the broken, crushed or punctured containers 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

SECTION 14 : TRANSPORT INFORMATION

RID/IATA/ADG/IMDG

Not regulated as dangerous goods.

SECTION 15 : REGULATORY INFORMATION

APVMA Registration

The products are registered by the APVMA

Registration Numbers

88082

SECTION 16 : OTHER INFORMATION

Acronyms Used in SDS

• APVMA	Australian Pesticides and Veterinary Medicines Authority
• ADG Code	Australian Dangerous Goods Code
• CAS No.	Chemical Abstracts Service Registry Number
• UN No.	United Nations identifying number
• NOHSC	National Occupational Health & Safety Commission
• HAZCHEM	Code for information for emergency services
• SWA	Safe Work Australia, formerly ASCC and NOHSC
• AICS	Australian Inventory of Chemical Substances
• SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons

END OF SDS