



LARVASTOP 100 FEED PREMIX

Abbey Animal Health Pty Ltd SAFETY DATA SHEET

Section 1- Identification of Product and Supplier

Supplier Company Details: Abbey Animal Health Pty Ltd

Address: 16 Voyager Circuit Glendenning NSW 2761

Telephone Number: 02 8088 0720

Facsimile Number: 02 8088 0721

Emergency Number: Australian Poisons Information Centre: 13 11 26 (24 Hour service).

PRODUCT NAME

LARVASTOP 100 FEED PREMIX

PRODUCT USE

An insect growth regulator to control larvae of nuisance flies in poultry manure.

Section 2- Hazards Identification

Statement of Hazardous Nature This product is classified as hazardous according to the criteria of SWA.

ADG Classification: Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code criteria when transported by road or rail. Refer to Section 14.

GHS Classification:

Hazardous to the aquatic environment, acute hazard - Category 3

Hazardous to the aquatic environment, long-term hazard- Category 2

GHS Signal Word: WARNING

PICTOGRAM:



HAZARD STATEMENT

H411: Toxic to aquatic life with long-lasting effects

PREVENTION

P273: Avoid release to the environment.

RESPONSE

P301 + P310: IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.

P308 + P313 IF exposed or concerned: Get medical advice/ attention

STORAGE

P410: Protect from sunlight.

P411: Store at temperatures not exceeding 25°C.

P402+P404: Store in a dry place. Store in a closed container.

DISPOSAL

P501: Dispose of contents and containers as specified on the registered label.

Section 3- Composition / Information on Ingredients

INGREDIENTS:

Chemical Name	CAS No.	Content (%w/w)
Cyromazine	66215-27-8	10%
Non-hazardous ingredients	Secret	to 100%

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

Section 4- First Aid Measures

Call Poisons Information Centre Phone Australia 131 126, if you feel that you may have been poisoned or irritated by this product.

Swallowed: Do not induce vomiting. Remove any material in the mouth. Seek medical advice if symptoms develop or persist.

Eye: Hold eyes open and flood with water for at least 15 minutes. Seek medical advice if adverse effects develop or persist. Only skilled personnel should remove contact lenses after an eye injury.

Skin: Remove any contaminated clothing and wash skin thoroughly with soap and water. Seek medical advice if symptoms develop or persist.

Inhaled: Remove from source of product and apply artificial respiration if not breathing. Ensure that patient is comfortable. If symptoms develop or persist, seek medical advice.

Section 5- Fire Fighting Measures

Suitable Extinguishing Media: Use water fog. Foam, Dry chemical powder, carbon dioxide (CO₂). Do not use water jet as an extinguisher, as this will spread the fire.

Combustion Hazards: Exposure to high heat sources may cause the decomposition of the product and the release of irritating fumes.

Special Protective Precautions and Equipment for Fire Fighters: Wear protective clothing and self-contained breathing apparatus.

Section 6 - Accidental Release Measures

Emergency Procedures: 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. Keep unnecessary personnel away.

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.

Method of Containment and Clean-up Procedures: Prevent product from entering drains. Stop the flow of material, if this is without risk. Following product recovery, flush the area with water.

Section 7 - Handling and Storage

Precautions for Safe Handling: Ensure containers are clearly labelled, of a type suitable for the product, and are clean and free of other materials. Use clean and dry equipment to dispense the product. Avoid contact with eyes and skin. Avoid breathing dust. Do not eat, drink or smoke in work areas. Wash hands and face thoroughly after handling and before eating, drinking, smoking or using toilet facilities.

Conditions for Safe Storage: Store below 30 °C (Room Temperature) in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Keep out of reach of children.

Section 8 - Exposure Controls / 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**.

SWA Exposure Limits TWA (mg/m3) STEL (mg/m3).

There is no SWA exposure limit set for Cyromazine.

The ADI for Cyromazine is set at 0.02 mg/kg/day. The corresponding NOEL is set at 1.8mg/kg/day. ADI means Acceptable Daily Intake; NOEL means No-observable-effect-level. Data from Australian ADI List, June 2022.

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: This product should only be used where there is ventilation that is adequate to keep exposure below the TWA levels. If necessary, use a fan.

Eye Protection: Eye protection such as protective glasses or goggles is recommended when this product is being used.

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: rubber, PVC.

Respirator: Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

Safety deluge showers should, if practical, be provided near to where this product is being handled commercially.

Section 9 - Physical and Chemical Properties

Appearance:	Brown to tan powder
Odour:	N/A
Freezing/Melting point:	N/A
Volatility:	N/A

First Effective Date: 28th October 2022

Page 4 of 8

Solubility: N/A
pH: N/A
Kinematic viscosity: N/A
Solubility: N/A

Section 10 - Stability and Reactivity

Chemical stability: Material is stable under normal conditions.

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

Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

Conditions to Avoid: Contact with incompatible materials.

Incompatible materials: Strong oxidising agents.

Hazardous Decomposition Products: No hazardous decomposition products are known.

Section 11 - Toxicological Information

ALWAYS READ AND FOLLOW THE LABEL INSTRUCTIONS

ACUTE TOXICITY

Rat	Dermal	LD50	>4000 mg/Kg	
Rat	Inhalation	LC50	>5000 mg/m ³ ,	4 hours
Rat	Oral	LD50	> 5000 mg/kg	

Cyromazine:

Rat	Dermal	LD50	>3100 mg/kg	
Rat	Inhalation	LC50	> 3.6 mg/l,	4 hours
Rat	Oral	LD50	3920 mg/kg	
			3387 mg/kg	

Skin corrosion/Irritation: Rabbit slight irritation.

Serious eye damage/Irritation: Rabbit slight irritation.

Respiratory or skin sensitization: Due to partial or complete lack of data the classification is not possible.

Skin sensitization: Guinea pig : Not a skin sensitizer (Cyromazine).

Germ cell mutagenicity: In *vitro* and in *vivo* tests did not show mutagenic effects. (Cyromazine)

Carcinogenicity: No effects identified in animal studies. (Cyromazine).

Reproductive toxicity: Decreased offspring survival and fetal weight at doses toxic to the mother.

Section 12 - Ecological Information

Ecotoxicity: Harmful to aquatic life. Toxic to aquatic life with long lasting effects.

CYROMAZINE:

	LD50	Mallard Duck (<i>Anas platyrhynchos</i>)	2510 mg/kg	
Other	LD50	Quail (Japanese Quail)	>6000 mg/Kg	7 days
	NOEC	Chironomous riparius	0.016 mg/l	26 days (Static water/sediment system)
	ErC50	<i>Pseudokirchnerella subcapitata</i>	129 mg/l	96 hours
	LD50	Bobwhite quail (<i>Colinus virginianus</i>)	1785 mg/kg	
	NOEC	<i>Pseudokirchnerella subcapitata</i>	31.3 mg/l	96 hours
Aquatic	LD50	Daphnia magna	>97.8 mg/l	48 hours
			5 mg/l	48 hours
Crustacea	NOEC	Daphnia magna	0.31mg/l	21 days
Fish		Bluegill (<i>Lepomis macrochirus</i>)	>89.7 ppm	96 hours
	LC50	Channel catfish (<i>Ictalurus punctatus</i>) Rainbow Trout	>91.6 mg/l 1888 mg/l	96 hours
Terrestrial	NOEC	Fathead minnow (<i>Pimephales promelas</i>)	73 mg/kg	32 days
Soil	LC50	Earthworm (<i>Eisenia foetida</i>)	>1000 mg/kg	14 days

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

Bioaccumulative potential

Partition coefficient

n-octanol / water (log Kow)

CYROMAZINE -0.039, at 25 °C pH: 9
 -0.069, at 25 °C pH: 7
 -0.36, at 25 °C pH: 5.4
 0.96

Bioconcentration factor

(BCF)

CYROMAZINE < 1

Species: Fish

Mobility in soil No data available for this product.

Adsorption

Soil/sediment sorption - log K_{oc}

CYROMAZINE

1.9 - 3.25

Section 13 - Disposal Considerations

DISPOSAL: Shake container into medicated feed. Do not dispose of undiluted chemicals on-site. Puncture container and deliver to an approved waste management facility. If an approved waste management facility is not available, bury the 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

No specific transport considerations apply since *LARVASTOP 100 FEED PREMIX* is NOT classified as a dangerous good according to Australian Dangerous Goods (ADG) Code.

CLASSIFIED AS DANGEROUS GOODS when transported by sea or air.

UN NO.: 3077

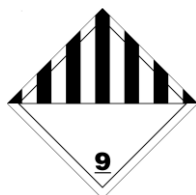
UN proper shipping name: Environmentally Hazardous Substance, Solid, NOS (Cyromazine)

Class & Subsidiary Risk: 9

Packaging Group: III

Hazchem Code: 2Z

ADG; IATA; IMDG; RID :



Marine Pollutant: yes



Section 15 - Regulatory Information

Poisons Schedule: 0

APVMA Approval Number: 91957

Approved Pack Sizes: 10kg, 20kg and 30kg,45kg.

For more information please refer to the APVMA approved product label

Section 16 – Other Information

Abbey Animal Health Pty Ltd

Telephone Number: 02 8088 0720

Facsimile Number: 02 8088 0721

Emergency Number: Australian Poisons Information Centre: 13 11 26 (24 Hour service).

This Safety Data Sheet (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.

***Note: This SDS is valid for 5 years from the effective date**