

# SAFETY DATA SHEET

## SECTION 1

## IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **Independents Own Incarcerate Easy-Dose Pour-On Cattle Lice and Fly Treatment**

**Other Names:** Deltamethrin.  
**Use:** Insecticide for cattle and horses. FOR ANIMAL TREATMENT ONLY.  
**Company:** Apparent Pty Ltd.  
**Address:** Suite G.08, 762 Toorak Road, Hawthorn East, Vic. 3123.  
PO Box 3092, Cotham PO, Kew, Vic 3101.  
**ACN/ABN:** 143 724 136  
**Telephone Number:** 03 9822 1321  
**Email:** [enquiries@apparentag.com.au](mailto:enquiries@apparentag.com.au)  
**Emergency Contact:** 0411 227 338

## SECTION 2

## HAZARDS IDENTIFICATION

**Classified as hazardous according to criteria of Safe Work Australia.  
Not classified as a Dangerous Good according to the ADG Code.**

### Globally Harmonised System (GHS) classification of the substance/mixture:

Acute Toxicity – Oral: Hazard Category 4.  
Skin Corrosion/Irritation: Hazard Category 2.  
Eye Damage/Irritation: Hazard Category 2B.  
Hazardous to the Aquatic Environment – Long-Term Hazard: Category 2.

**Signal Word:** WARNING.

### Hazard statements:

H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H320 Causes eye irritation.  
H411 Toxic to aquatic life with long lasting effects.

### Precautionary Statements:

#### Prevention:

P264 Wash hands, arms and face thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

#### Response:

P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if feel unwell.  
P305 +P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P321 Specific treatment see Safety Directions on the product label.  
P330 Rinse mouth.  
P337 + 313 If eye irritation persists: Get medical advice/attention.  
P332 + P313 If skin irritation occurs: Get medical advice/attention.  
P362 Take off contaminated clothing and Wash before reuse.  
P391 Collect spillage.

**SECTION 2 HAZARDS IDENTIFICATION (Continued)**

*Disposal:*

P501 Dispose of contents/container in accordance with national regulations.

Pictograms



**SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS**

**Ingredients:**

<b>CHEMICAL</b>	<b>CAS NUMBER</b>	<b>PROPORTION</b>
Deltamethrin	52918-63-5	15 g/L
Other ingredients determined not to be hazardous		Balance

**SECTION 4 FIRST AID MEASURES**

**FIRST AID**

**Ingestion:** DO NOT induce vomiting. Wash mouth with water and give water to drink. If poisoning occurs, contact a Doctor or Poisons Information Centre. Phone 131 126.

**Eye contact:** If in eyes hold eyes open and flood with clean water until chemical is removed. Ensure irrigation under eyelids by occasionally lifting them. If irritation persists, seek medical advice.

**Skin contact:** Remove contaminated clothing. Wash skin with soap and water. If skin irritation occurs and persists, re-wash area and seek medical advice. Launder contaminated clothing before re-use.

**Inhalation:** Remove to fresh air and observe until recovered. If effects persist, seek medical advice.

**Advice to Doctor:** Treatment is symptomatic and supportive.

**SECTION 5 FIRE FIGHTING MEASURES**

**Specific Hazard:** Product is non-combustible. This product is likely to decompose only after heating to dryness, followed by further strong heating.

**Extinguishing media:** Extinguish fire using media suited to burning material. If containers are ruptured contain all runoff. Do not use high pressure water jets.

**Hazards from combustion products:** Product is likely to decompose after heating to dryness, and with continued strong heating will emit toxic fumes. Firefighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or smoke.

**Precautions for fire-fighters and special protective equipment:** Isolate fire area. Evacuate downwind residents. Wear full protective clothing and self-contained breathing apparatus. Do not breathe smoke or vapours generated.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

**Emergency procedures:** In the event of a major spill, prevent spillage from entering drains or water courses. Wear cotton overalls buttoned at the neck and wrist and elbow-length chemical resistant gloves. Large spills should be dyked or covered to prevent dispersal. In the case of spillage, stop leak if safe to do so, and contain spill. Contain spill and sweep up and shovel or collect recoverable material into labelled containers for use, recycling or dispose as waste as indicated in Section 13. Keep out animals and unprotected persons.

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## **SECTION 6 ACCIDENTAL RELEASE MEASURES (Continued)**

**Material and methods for containment and cleanup procedures:** To clean spill area, tools and equipment, wash with a solution of soap and water. Finally, wash with water. Absorb, as above, any excess liquid and add both solutions to the drums of waste already collected. If a significant quantity of material enters drains, advise emergency services. Thoroughly launder protective clothing before storage or re-use.

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## **SECTION 7 HANDLING AND STORAGE**

**Precautions for Safe Handling:** Product is poisonous if swallowed. Will irritate the eyes and skin. Facial skin contact may cause temporary facial numbness. Avoid contact with eyes and skin. When using wear elbow length PVC gloves. If product on skin, immediately wash area with soap and water. After use and before eating, drinking, or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use wash gloves.

**Conditions for Safe Storage:** Store below 30°C (Room Temperature) in original container, tightly closed in a safe place. Protect this product from light. Not classified as a Dangerous Good. Do not freeze. Shake well before using. Check packaging for any additional instructions. Do not allow children access to product or used containers.

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## **SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Guidelines:**

No exposure limits have been assigned by Safe Work Australia to the ingredients in this product.

**Biological Limit Values:**

No biological limit allocated.

**Engineering controls:**

Keep containers closed when not in use. Ventilate all transport vehicles prior to unloading.

**Personal Protective Equipment (PPE):** When using wear elbow length PVC gloves. If product on skin, immediately wash area with soap and water. After use and before eating, drinking, or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use wash gloves.

**Personal Hygiene:** Product is poisonous if swallowed. Will irritate the eyes and skin. Facial skin contact may cause temporary facial numbness. Avoid contact with eyes and skin. Clean water should be available for washing in case of eye or skin contamination. Wash skin before eating, drinking or smoking. Shower at the end of the workday.

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## **SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Yellow liquid.
<b>Odour:</b>	No data available.
<b>Boiling point:</b>	> 100°C.
<b>Freezing point:</b>	Approximately 0°C.
<b>Specific Gravity:</b>	Approximately 1.01.
<b>Solubility in Water:</b>	Soluble in water.
<b>pH:</b>	No data available.
<b>Flammability:</b>	Not flammable.
<b>Flashpoint (°C):</b>	Not flammable.
<b>Poisons Schedule:</b>	Product is a Schedule 6 (S6) poison.
<b>Formulation type:</b>	Oral suspension.

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## **SECTION 10 STABILITY AND REACTIVITY**

**Chemical Stability:** Product is considered stable in ambient conditions for a period of at least 2 years after manufacture.

**Conditions to avoid:** Do not store for prolonged periods in direct sunlight. Protect from sunlight.

**Incompatible materials:** Avoid strong oxidizing agents.

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## **SECTION 10 STABILITY AND REACTIVITY (Continued)**

**Hazardous decomposition products:** This product will decompose if involved in a fire after heating to dryness, and continued strong heating will emit toxic and noxious fumes.

**Hazardous reactions:** Will not polymerise.

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## **SECTION 11 TOXICOLOGICAL INFORMATION**

No specific data is available for this product as no toxicity tests have been conducted on this product. Information presented is our best judgement based on similar products and/or individual components. As with all products for which limited data is available, caution must be exercised through the use of protective equipment and handling procedures to minimise exposure.

### **Potential Health Effects:**

#### **ACUTE EFFECTS**

**Swallowed:** Available data shows that this product is harmful, but symptoms are not available. However, this product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort.

**Eye:** This product may be irritating to eyes, but is unlikely to cause anything more than mild transient discomfort.

**Skin:** This product causes skin numbness but further symptoms are not available. In addition, product may be irritating, but is unlikely to cause anything more than mild transient discomfort.

**Inhaled:** Available data indicates that this product is not harmful. However, product may be mildly irritating, although unlikely to cause anything more than mild transient discomfort.

### **Long Term Exposure:**

**Chronic toxicity:** Deltamethrin is not mutagenic, carcinogenic or teratogenic.

Elimination of deltamethrin in the rat occurs within 2-4 days of administration. Deltamethrin has a half-life in the rat brain of 1 to 2 days, but it is more persistent in body fat, with a half-life of 5 days. In mammals, the point of death from deltamethrin poisoning is sharply defined by respiratory or cardiac failure. A health survey of 199 workers who repacked pyrethroid insecticides into boxes by hand indicated that about two-thirds of the workers had a burning sensation and tightness and numbness on the face, while one-third had sniffs and sneezes. Abnormal sensations in the face, dizziness, tiredness and red rashes on the skin were more common in summer than in winter. Workers did not wear protective gloves in summer because of the heat. The symptoms usually occurred thirty minutes after exposure to the pyrethroids and rarely lasted more than 24 hours.

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## **SECTION 12 ECOLOGICAL INFORMATION**

**Environmental Toxicology:** No data is available on this product. Deltamethrin is highly toxic to fish, aquatic organisms and bees in laboratory studies, but considered less toxic under natural conditions. In field conditions under normal conditions of use, deltamethrin had an impact on aquatic herbivorous insects. This impact led to an increase of algae. Although the fish (fathead minnows) accumulated deltamethrin, no mortality could be observed. In laboratory trials, the LC<sub>50</sub> for fish was 1-10 micrograms/L. Aquatic fauna, particularly crustacean, may be affected, but fish are not harmed under normal conditions of use. Dangerous to bees. DO NOT spray on any plants in flower while bees are foraging.

**Environmental Fate:** Deltamethrin is not persistent in the environment. It is degraded by soil micro-organisms and does not leave residues in the environment or build up in the food chain. In soil, degradation occurs within 1-2 weeks. Deltamethrin in pond water was rapidly adsorbed, mostly by sediment, in addition to uptake by plants and evaporation into the air. About 10 days after use, there are no deltamethrin residues observed on plants. There is no known phytotoxicity to crops.

DO NOT contaminate streams, rivers or waterways with this product or the used containers.

## SECTION 13

## DISPOSAL CONSIDERATIONS

**Spills and Disposal:** Persons involved in cleanup require adequate skin protection - see Section 8. Keep material out of streams and sewers. Vacuum, shovel or pump waste into an approved drum. Dispose of drummed wastes, including decontamination solution in accordance with the requirements of Local or State Waste Management Authorities.

**Disposal of empty containers:** 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

**Transport Information:** This product is not classified as a Dangerous Goods under the Australian Code for the Transport of Dangerous Goods by Road and Rail. Not classified as a Dangerous Good for marine or air transport. It is good practice not to transport agricultural chemical products with food, food related materials and animal feedstuffs. It is good practice not to transport agricultural chemical products with food, food related materials and animal feedstuffs.

## SECTION 15

## REGULATORY INFORMATION

Under the Standard for Uniform Scheduling of Medicines and Poisons (SUSMP), this product is a Schedule 6 poison.

This product is registered under the Agricultural and Veterinary Chemicals Code Act 1994. Product Registration No. 82675.

This product is classified as a Hazardous Substance under the criteria of Safe Work Australia.

This product is not classified as a Dangerous Good according to the ADG Code (7<sup>th</sup> Ed).

This product is not classified as a Dangerous Good according to International Maritime Dangerous Goods (IMDG) Code and the International Air Transport Association (IATA).

*Requirements concerning special training:*

Check State or Territory regulations that require people who use pesticides in their job or business to have training in the application of the materials.

## SECTION 16

## OTHER INFORMATION

Issue Date: 31 August 2016. Valid for 5 years till 31 August 2021. (First Issue).

Key to abbreviations and acronyms used in this SDS:

ADG Code: Australian Dangerous Goods Code (for the transport of dangerous goods by Road and Rail).

Carcinogen: An agent which is responsible for the formation of a cancer.

Genotoxic: Capable of causing damage to genetic material, such as DNA.

HSIS: Hazardous Substances Information System.

Lacrimation: The production, secretion, and shedding of tears.

Lavage: A general term referring to cleaning or rinsing.

Mutagen: An agent capable of producing a mutation.

Pneumonitis: A general term that refers to inflammation of lung tissue.

PPE: Personal protective equipment.

Teratogen: An agent capable of causing abnormalities in a developing foetus.

TWA: The Time Weighted Average airborne concentration over an eight-hour working day, for a five day working week over an entire working life.

Safe Work Australia: Formally known as Australian Safety & Compensation Council (ASCC) which was formally known as the National Occupational Health & Safety Commission (NOHSC).

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**SECTION 16** OTHER INFORMATION (Continued)

References

1. "Search Hazardous Substances". HSIS. Safe Work Australia website. (2016).
2. "Approved Criteria for Classifying Hazardous Substances" 3rd Ed. NOHSC Australia. [NOHSC:1008 (2004)]. October 2004.
3. Globally Harmonized System of Classification and Labelling of Chemicals (GHS). United Nations, 2009.

*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 should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.*

*If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.*

End SDS