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## SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b>	<b>DRC 1339</b>
<b>Synonyms:</b>	DRC, Starlicide
<b>Supplier 1:</b>	Animal Control Products Ltd
<b>Street Address:</b>	408 Heads Road Whanganui 4501 New Zealand
<b>Telephone:</b>	64 (0) 6 344 5302
<b>Website:</b>	www.pestoff.co.nz
<b>Emergency Telephone Number:</b>	021 919 624
<b>National Poisons Centre:</b>	0800 764 766

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

<b>Active Ingredient:</b>	3-Chloro-p-toluidine hydrochloride 98% W/W
<b>Other Ingredients:</b>	Inert Ingredients including moisture = 2%
<b>Active constituent:</b>	3-Chloro-p-toluidine hydrochloride 98% W/W
<b>Molecular Weight:</b>	634.5
<b>Molecular Formula:</b>	3-Cl <sub>2</sub> CH <sub>3</sub> C <sub>6</sub> H <sub>3</sub> NHCl
<b>Recommended use:</b>	For the control of birds
<b>Appearance:</b>	A whitish, fawn or yellow coloured powder

## 3. HAZARDS IDENTIFICATION

## STATEMENT OF HAZARDOUS NATURE

This product is classified as a **POISON** and **CORROSIVE**.

**HSNO Approval Code: HSR001611**

<b>HAZARD CLASSES:</b>	6.1C, 6.5B, 6.8B, 8.2C, 8.3A, 9.1A, 9.2D, 9.3A
<b>HAZARD IDENTIFIERS:</b>	<p><b>Priority Identifiers</b> - Danger. Poison. Keep out of reach of children. Ecotoxic.</p> <p><b>Secondary Identifiers</b> - Warning. Acutely toxic. May be fatal or harmful if swallowed, inhaled or absorbed through the skin. Repeated oral exposure may cause reproductive or developmental damage. Corrosive to the skin and eyes. Avoid skin contact or inhalation. When handling open containers or preparing and laying baits, wear protective equipment. Toxic to aquatic organisms and terrestrial vertebrates. Take measures to prevent access to baits by non-target birds and animals. Do not place baits in areas where they may enter waterways. Avoid pollution of any water supply with baits or used containers.</p>
<b>DANGEROUS GOODS CLASS:</b>	6.1C (Packing Group III)

<b>GENERAL REQUIREMENTS:</b>	Poison. Available for purchase and use only by holders of Controlled Substances Licenses. This substance must be under the control of an Approved Handler for Class 6 and Class 9 Hazardous substances at all times unless being transported by a transport operator with a Dangerous Goods License endorsement.
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**(Not classified as Dangerous Goods for transport by road, sea or air outside New Zealand under the UN international convention on transportation of dangerous goods.)**

#### **4. FIRST AID MEASURES**

- Ingestion:** Seek medical advice.
- If Inhaled:** Move patient from contaminated area and immediately call a physician.
- Skin or eye Contact:** Immediately flush affected area with water.

**Symptoms may include burning of the mouth, throat, skin or eyes; nausea, possible vomiting and stomach pains.**

#### **5. FIRE FIGHTING MEASURES**

Non flammable and non explosive. Suitable extinguishing media are foam, carbon dioxide dry chemical or water.

#### **6. ACCIDENTAL RELEASE MEASURES**

In the event of a spill, isolate the spill area and exclude all bystanders. Take all practicable steps to manage any harmful effects of a spillage including preventing the powder or baits from entering streams or waterways. Recover any undamaged material for later use by placing in appropriately labeled containers and dispose of spoiled material as directed below. Use a broom to collect fine material and wash down the spill area with copious water only after all spilled material has been removed.

#### **7. HANDLING AND STORAGE**

When preparing, handling or laying baits, wear overalls and impervious rubber or PVC gloves. When handling the powder and open containers wear goggles and a dust mask as protection against dust entering the eyes or mouth. Do not eat, drink or smoke when using the product or handling open containers. Wash protective clothing and equipment daily after work. Remove protective clothing and wash hands and exposed skin thoroughly before meals and after any contact. Thoroughly wash implements and bait laying equipment before removing them from the operational area.

Store only in original container, away from heat or sunlight, in a dry locked place away from food, children and domestic animals.

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

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| <b>Tolerable exposure limits (TELs)</b>     | TEL <sub>water</sub> = 0.6 mg/litre<br>TEL <sub>air</sub> = 0.02 mg/m <sup>3</sup>   |
| <b>Environmental Exposure Limits (EELs)</b> | EEL <sub>freshwater</sub> = 0.03 µg/litre<br>EEL <sub>marine water</sub> = 0.03 µg/litre<br>EEL <sub>soil</sub> = 1 µg/kg dry weight |

**Engineering Measures:**

DECONTAMINANTS: DRC1339 degrades very rapidly when exposed to sunlight and heat or ultraviolet radiation. Photodegradation occurs in water with a half-life that ranges from 6.5 - 41 hours. DRC1339 is not persistent in soils. It degrades in both aerobic and anerobic soils.

**Personal Protection Equipment:** Operators using or handling the product in open containers must wear gloves and overalls. Do not smoke, drink or eat while handling the product. Wash hands, face and any exposed areas after use. Wash protective equipment immediately after use or otherwise isolate and containerise for return to a washing facility.

<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>
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**Form / Colour / Odour:** Odourless off-white, fawn or yellowish coloured powder.

<b>Solubility in Water (g/L)</b>	Not applicable
<b>Decomposition Point (°C)</b>	Not applicable

<b>10. STABILITY AND REACTIVITY</b>
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DRC1339 degrades very rapidly when exposed to sunlight and heat or ultraviolet radiation. Photodegradation also occurs in water with a half-life that ranges from 6.5 - 41 hours. Store DRC1339 only in a cool, dark place.

<b>11. TOXICOLOGICAL INFORMATION</b>
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This product is only moderately toxic to most mammals but is highly toxic to many bird species and aquatic invertebrates. Do not expose in areas accessible to waterfowl, poultry and other non-target birds. Keep out of streams, ponds and other water bodies.

Mouse (oral) LD <sub>50</sub>	2000 mg/kg
Rat (oral) LD <sub>50</sub>	1700 - 1770 mg/kg
Sheep (oral) LD <sub>50</sub>	400 mg/kg
Rabbit (Dermal) LD <sub>50</sub>	> 1250 mg/kg

<b>12. ECOLOGICAL INFORMATION</b>
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Ecotoxic. Use only for the purpose indicated and in the manner prescribed by the label. Improper disposal of excess pesticide is unlawful. If wastes can not be disposed of by use according to label instructions, contact local Regional Council or a Hazardous Waste Consultant for guidance.

<b>13. DISPOSAL CONSIDERATIONS</b>
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DRC 1339 degrades rapidly when exposed to heat, sunlight and ultraviolet radiation. The half-life of DRC 1339 in biologically active soil is 24-48 hours and the identified metabolites have low toxicity. Product which is surplus or spoiled, including baits, should be disposed of by burying on the active tip face of an approved landfill. Alternatively, dispose of surplus material through a sewage oxidation facility or other chemical treatment facility. Bury container in a suitable at a landfill. Do not use the empty container for any other purpose.

<b>14. TRANSPORT INFORMATION</b>
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<b>Proper Shipping Name:</b>	Pesticide, solid, toxic, n.o.s. [contains DRC1339]
<b>U.N. NO:</b>	2588
<b>Class:</b>	6.1(C)
<b>Packing Group:</b>	III
<b>Maximum transport quantity as tools of trade:</b>	250 kilograms

## 15. REGULATORY INFORMATION

Registered Pesticide: New Zealand registration number V002624 (DRC1339)  
HSNO Approval Code: HSR001611

## 16. OTHER INFORMATION

### **SPECIAL PRECAUTIONS & OTHER COMMENTS:**

Wash hands after handling baits or animals that have been contaminated with DRC 1339. Do not use poisoned or contaminated animals for food or feed.

This product is toxic to most birds and considerably less toxic to most mammals. Apply the product only as specified by its label directions.

Where practicable, the exposed bodies of all poisoned birds or animals should be collected and destroyed by complete burning or deep burial.

CONSULT NEAREST POISON CONTROL CENTER FOR CURRENT INFORMATION.

**All information contained in this Data Sheet is as accurate and up-to-date as possible. Since Animal Control Products Ltd. cannot anticipate or control the conditions under which this information may be used, each user should review the information in the specific context of the intended application.**

Revised by: WJ Simmons  
Revision date: 22 May 2018