



1. IDENTIFICATION OF THE SUBSTANCE AND MANUFACTURER

1.1 Product identifier

Trade Name DRC 1339

1.2 Relevant identified uses of the substance or mixture and uses advised against

For the control of birds.

1.3 Details of the supplier of the safety data sheet

Company Orillion, 408 Heads Road, Wanganui 4501, New Zealand.
(Orillion is the trading name of Animal Control Products Ltd.)

Telephone +64 (6) 3445302 or +64 (21) 919 624

Email address enquiries@orillion.com

1.4 Emergency telephone number

National Emergency Contact number **111**
NZ National Poisons information Service **0800 764 766**

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Acute oral toxicity	Class 6.1C (oral/dermal/inhalation) Class 6.5B Class 6.8B Class 8.2C Class 8.3A
Ecotoxic – Toxic to terrestrial animals	Class 9.1A Class 9.2D Class 9.3A
CAS Registry number or active ingredient:	7745-89-3

2.2 Label Elements

Hazard Pictogram



Signal word **DANGER, WARNING**

Precautionary Statements

Hazard Statements:	H301	Toxic if swallowed
	H311	Toxic if in contact with skin
	H314	Causes severe skin burns and eye damage.
	H317	May cause an allergic skin reaction
	H318	Causes serious eye damage
	H331	Toxic if inhaled.
	H361	Suspected of damaging fertility or the unborn child
	H410	Very toxic to aquatic life with long lasting effects
	H423	Harmful to the soil environment
	H431	Very toxic to Terrestrial vertebrates

Precautionary Statements:	P101	If medical advice is needed, have product container or label at hand
	P102	Keep out of reach of children
	P103	Read label before use.
	P201	Obtain special instructions before use.
	P202	Do not handle until all safety precautions have been read and understood
	P260	Do not breath dust
	P264	Wash hands thoroughly after handling
	P270	Do not eat, drink, or smoke when using this product.
	P271	Use only outdoors or in a well-ventilated area.
	P272	Contaminated work clothing should not be allowed out of the workplace.
	P273	Avoid release to the environment.
	P280	Wear protective gloves/protective clothing/ eye protection/ face protection
	P281	Use personal protective equipment as required.
	P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
	P301+P330+ P331	IF SWALLOWED: Rinse Mouth, do NOT induce vomiting.
	P302+ P352	IF ON SKIN: Wash with plenty of soap and water.
	P303+P361+P353	IF ON SKIN (or Hair): Remove/Take off immediately all contaminated clothing, rinse skin with water/shower.
	P304+P340	IF INHALED: remove to fresh air and keep at rest in a position comfortable breathing.
	P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P308+P313	If exposed or concerned: Get medical advice/attention
	P310	Immediately call a POISON CENTER or doctor/physician.
	P312	Call a POISON CENTER or a doctor/physician if you feel unwell.
	P321	Specific treatment - See instructions on label
	P322	Specific Measures see instructions on label
	P330	Rinse mouth
	P333 + P313	If skin irritation or rash occurs: Get medical advice/attention
	P361	Remove/take off immediately all contaminated clothing.
	P363	Wash contaminated clothing before reuse
	P391	Collect spillage
	P403+P233+P405	Store in a well-ventilated place, keep container tightly closed, Store Locked
	P501	Dispose of contents/container in accordance with label directions.

2.3 Other Hazards No data.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Contains no substances of concern other than the active ingredient.

3.2 Mixtures

Chemical Nature: A whitish, fawn, or yellow coloured powder.

Component	CAS Number	Concentration (% w/w)	Classification EU
3-CL ₂ CH ₃ C ₆ H ₃ NHCl	7745-89-3	98%	1708
Other non-Hazardous ingredients *		Inert ingredients including moisture = 2%	

* do not affect the hazardous classifications of the substance.

4. FIRST AID MEASURES

Ingestion:

If swallowed do NOT induce vomiting. Give water to drink. Get medical attention if symptoms occur.

Inhalation:

if inhaled, move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped. Obtain medical attention if symptoms occur.

Eye Contact:

If contacted in the eyes, wash out immediately with water. Obtain medical attention if irritation occurs.

Skin Contact:

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Get medical attention if symptoms occur.

For further advice contact the National Poisons Centre- 0800 POISON (0800 764 766) – or a doctor, immediately.

SYMPTOMS OF POISONING: Dilation of pupils, hallucination, possible trembling and involuntary muscle spasms.

5. FIRE FIGHTING MEASURES

Extinguishing Media:

Non-flammable and non-explosive. Suitable extinguishing media are water, foam, sand, dry chemical, or CO₂.

Hazards from the substance:

In a fire, hazardous gases/vapours may be emitted.

Hazardous Combustion Products:

Decomposition products may include carbon monoxide and carbon dioxide, hydrogen chloride, nitrogen oxides etc.

Special precautions for fire-fighters:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for Fire-fighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

In the event of a spill, isolate the spill area and exclude all bystanders. Wear appropriate protective equipment and provide adequate ventilation. 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 an appropriately labelled containers and dispose of spoiled material as directed below. Use a broom to collect fine material and wash down the spill area with copious amounts of water only after all spilled material has been removed.

7. HANDLING AND STORAGE

Precautions for safe handling:

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.

Conditions for safe storage, including any incompatibilities:

Store only in original container away from heat or sunlight, in a dry locked place away from food, children and domestic animals. Store about -10C and below 20C.

Incompatible Materials:

None identified.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Tolerable exposure limits (TELs):

TEL_{water} = 0.6 mg/litre

TEL_{air} = 0.02 mg/m³

Environmental Exposure Limits (EELs):

EEL_{fresh water} = 0.03 µg/litre

EEL_{Marine Water} = 0.03 µg/litre

EEL_{soil} = 1 µg/kg dry weight

Occupational Exposure Limits:

Not Applicable (not assigned)

Engineering Measures:

Decontaminants: DRC 1339 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 anaerobic 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. Wear a dust respirator, safety glasses, chemical gloves- PVC, polychlorpropene or Nitrile, wear overalls or dust coat. Use PVC apron when handling large quantities.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour:

A whitish, fawn, or yellow coloured powder

Property:

Physical State:

Appearance:

Odour:

Odour Threshold:

pH:

Melting point/range:

Boiling point/range:

Flash Point:

Evaporation rate:

Flammability:

Upper/lower flammability or explosive limits:

Vapour Pressure:

Vapour density:

Relative Density:

Water Solubility:

Lipid Solubility:

Partition coefficient (N-octanol/water):

Auto-ignition Temperature:

Decomposition Temperature:

Viscosity:

Specification:

A fine, crystalline, dry powder

Off white, fawn, or yellow coloured powder

Has an acrid and unpleasant odour like dirty old socks.

Not relevant

Not determined.

Not relevant

No data available

No Data Available

No Data Available

No Data Available

No Data Available

No Data Available

Not relevant

Not relevant

No Data Available

No Data Available

No Data Available

No Data Available

No Data Available

No Data Available

10. STABILITY AND REACTIVITY

Stability:

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 6.5-41hours. Store DRC1339 only in a cool, dark place.

Conditions to avoid:

Extremes of temperature.

Incompatible Materials:

Alkalis, strong acids oxidisers.

Hazardous Decomposition Products:

In fire conditions, decomposition products may include carbon monoxide and carbon dioxide, hydrogen chloride, nitrogen oxides etc.

11. TOXICOLOGICAL INFORMATION

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.

DRC1339 has an LD₅₀ value of:

Species (Oral) LD50	LD50- active
Mouse	2000 mg/kg B/W
Rat	1700-1770mg/kg B/W
Sheep	400mg/kg B/W
Rabbit	>1250 mg/kg B/W

Toxicity Data for the Active Ingredient - Various Species *

12. ECOLOGICAL INFORMATION

Ecotoxic. Use only for the purpose indicated and, in the manner, prescribed by the label. Improper disposal of excess pesticide is unlawful. If wastes cannot be disposed of by use according to label instructions, contact local regional council or a Hazardous waste consultant for guidance.

13. DISPOSAL CONSIDERATIONS

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 in a suitable container at a landfill. Do not use the empty container for any other purpose.

14. TRANSPORT INFORMATION

Regulated for transport:	Keep separated from foodstuffs.
UN Number:	1708
Proper Shipping Name:	Pesticide, solid, toxic, n.o.s [contains DRC 1339]
Class:	6.1C
Packaging group:	III
Hazchem:	2X
Marine Pollutant:	Yes
Maximum transport quantity for tools of trade:	250kg
Maximum Transport quantity for passenger service vehicles:	0.5kg

15. REGULATORY INFORMATION

HSNO Classification:	6.1C, 6.5B, 6.8B, 8.2C, 8.3C, 9.1A, 9.2D, 9.3A
HSNO Approval number:	HSR001611
SDS required when any quantity is present in a workplace.	
Emergency Response Plan required when	> 1000kg is present in a workplace.
Ecotoxic signage is required when	>10000kg
Toxic signage required when	>1000kg is stored.
Registered Pesticides:	DRC1339– V002624.
HSNO Approval:	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 for most birds and considerably less toxic to 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 Orillion 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: ADC – Date revised, January 2021.