



SAFETY DATA SHEET

ALPHACHLORALOSE POWDER

Orillion (The trading name of Animal Control Products Ltd.)
408 Heads Road, Whanganui 4501, New Zealand
+64 6 34 4 5302 or +64 21 919 624

ACVM:	V009536
HSNO:	HSR007750
UN:	2811
CAS:	15879-93-3
Active:	Alphachloralose
Class:	6.1
Packing Group:	II

1. IDENTIFICATION OF THE SUBSTANCE AND MANUFACTURER

1.1 Product identifier

Trade Name Alphachloralose Powder.

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

For mixing into baits for bird control.

1.3 Details of the supplier of the safety data sheet

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

Phone numbers +64 6 344 5302 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

- 6.1B** Acute oral toxicity Category 2
Acute dermal toxicity Category 2
Acute inhalation toxicity Category 2
- 6.9A** Specific target organ toxicity - Single exposure Category 1
Specific target organ toxicity - Repeated exposure Category 1
- 9.1D** Hazardous to the aquatic environment chronic Category 4
- 9.3A** Hazardous to terrestrial vertebrates
- CAS Registry number or active ingredient:** 15879-93-3

2.2 Label Elements

Hazard Pictogram:



Signal word: DANGER

Precautionary Statements

Hazard Statements:

- H300** Fatal if swallowed
H302 Harmful if swallowed
H372 Causes damage to organs through prolonged or repeated exposure.

Prevention Statements:

- P101** If medical advice is needed have product container or label at hand.
P102 Keep out of reach of children
P103b Read Label before use.
P260 Do not breathe dust
P264 Wash hands thoroughly after handling
P270 Do not eat, drink or smoke when using this product.
P273 Avoid Release to the environment

Response Statements:

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P314	Get medical advice/attention if you feel unwell
P321	Specific Treatment see instructions on label.
P330	Rinse mouth

Storage Statements:

P402	Store in a dry place.
P405	Store Lockup

Disposal Statements:

P501	Dispose of contents/container in accordance with label directions
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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:	98% [®] – 1, 2-O-(2,2,2,-Trichloroethylidene)- α-D- glucofuranose C ₈ H ₁₁ Cl ₃ O ₆
Component	C ₈ H ₁₁ Cl ₃ O ₆
CAS Number	15879-93-3
Concentration (% w/w)	98%
Classification EU	2811
Other non-Hazardous ingredients *	Anti-caking Agent, starting ingredient, moisture * 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. Large doses may reduce body temperature to a fatal level.

Inhalation:

If inhaled, move victim to fresh air immediately and seek immediate medical attention. Signs of pulmonary oedema may be delayed for up to 48hours after exposure. Give oxygen or artificial respiration if the patient has laboured or shallow breathing. Use mouth to nose rather than mouth to mouth.

Eye Contact:

Wash eyes with copious amounts 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:

Use water spray (fog), Foam, dry chemical, or CO₂.

Hazardous Combustion Products: Decomposition products may include:

Carbon oxides, Hydrogen Chloride, Other Noxious substances.

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

Personal precautions, protective equipment, and emergency procedures:

- Wear personal protective equipment.
- Provide adequate ventilation.
- Avoid dust formation.
- See protective measures under points 7 and 8.

Environmental precautions:

In the event of major spills, inform the Fire Service immediately via the 111 emergency phone service, then advise local health protection officers at your District Health Board or hospital.

Methods and materials for containment and clean up:

In the event of major spills, isolate the spill area and take all practicable steps to manage any harmful effects of a spillage including preventing powder from entering streams or waterways. Scoop spilled powder into secure containers. Recover any undamaged powder for later use by placing in appropriately labelled containers and dispose of spoiled powder as directed in the disposal section below. Use a broom with water and detergent to wash down the spill area after all spilled powder has been removed.

Environmental Considerations:

Consider possible hazards arising from irrigating spill sites. May pose a risk to people, pets, livestock, wildlife, and fish.

7. HANDLING AND STORAGE

Precautions for safe handling:

When handling powder wear appropriate PPE and ensure there is adequate ventilation and extraction in the work area. Avoid skin or eye contact or breathing in the product. 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.

Conditions for safe storage, including any incompatibilities:

Store in original container, tightly closed, under lock and key and away from feed or foodstuffs. Keep out of reach of children, pets, and livestock. In a well-ventilated area, away from direct sunlight and any ignition sources.

Incompatible Materials:

None identified.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Tolerable exposure limits (TELS) and environmental exposure limits (EELS) do not apply to these products.

Occupational Exposure Limits:

Not Applicable (not assigned)

Engineering Measures:

General Ventilation and local exhaust should be suitable to keep dust concentrations minimised. Ventilation equipment should be explosion-proof when operating in flammable zones. Decontamination is through Sluicing with water

Personal Protection Equipment:

Wear a dust respirator, safety glasses, chemical gloves (PVC, Polychlorpropene or Nitrile), overalls. Use PVC apron when handling large quantities.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour:

A white, Fluffy powder

Property:

Physical State:

Specification:

Solid

Appearance:

A White Fluffy Powder

Odour:

Slight Odour

Odour Threshold:

Not relevant

pH:

Not determined

Melting point/range:

Not relevant

Boiling point/range:

182-184C

Flash Point:

No data available

Evaporation rate:

No data available

Flammability:

No data available

Upper/lower flammability or explosive limits:	No data available
Vapour Pressure:	Not relevant
Vapour density:	Not relevant
Relative Density:	No data available
Water Solubility:	Slightly soluble. 0.45g/100ml @ 15 degrees C
Lipid Solubility:	No data available
Partition coefficient (N-octanol/water):	No data available
Auto-ignition Temperature:	No data available
Decomposition Temperature:	No data available
Viscosity:	No data available

10. STABILITY AND REACTIVITY

Stability:

Alphachloralose is stable under normal conditions of storage and use.

Conditions to avoid:

Sources of ignition- Flames, sparks, static charges etc.

Incompatible Materials:

Strong Oxidising agents, Strong acids, Strong bases.

Hazardous Decomposition Products:

Under Normal conditions of storage and use, hazardous decomposition products should not be produced. Under fire conditions, decomposition products may include: Carbon oxides, Hydrogen Chloride, Other noxious substances.

11. TOXICOLOGICAL INFORMATION

Exposure must be kept to an absolute minimum. Sodium Fluoroacetate may be absorbed through the eyes, broken skin or via the mouth. It is estimated that a lethal dose of bait for an adult human could be as little as 30 grams where the bait contains 0.15% 1080. A small dog may receive a lethal dose of 1080 from as little as 0.5 grams of bait containing 0.15% 1080.

Alphachloralose has an LD₅₀ value of:*

Species (Oral) LD50	LD50- active
Rats and mice	300-400 mg/kg B/W
Birds (Various)	32-56 mg/kg B/W
Dog	650 mg/kg B/W
Cat	70 mg/kg B/W

* Toxicity Data for the Active Ingredient - Various Species

12. ECOLOGICAL INFORMATION

Use Alphachloralose Powder only for the purpose indicated and, in the manner prescribed by the label. Alphachloralose may persist in the tissue of poisoned birds; thus, presenting a secondary poisoning danger to carnivorous birds and mammals. Take steps to mitigate any potential non-target exposure by wildlife or domestic animals.

Improper disposal of excess pesticide is unlawful. If wastes cannot be disposed of by use according to label instructions, contact local Regional Council or the Hazardous Waste Consultant for guidance.

Ensure domestic birds and animals cannot be exposed to the toxin either through eating baits or through eating the carcasses of poisoned birds.

13. DISPOSAL CONSIDERATIONS

Do not let this product enter the environment. Do not dispose of in waterways or sewers.

Dispose of this material and its container as hazardous waste, via a licensed facility. See local council for disposal/ recycling information.

14. TRANSPORT INFORMATION

Regulated for transport:	Keep separated from foodstuffs
UN Number:	2811
Proper Shipping Name:	TOXIC SOLID. ORGANIC, NOS (Alphachloralose)
Class:	6.1
Packaging group:	II
Hazchem:	2XE
Marine Pollutant:	No
Maximum transport quantity for tools of trade:	5kg
Maximum Transport quantity for passenger service vehicles:	0.5kg

15. REGULATORY INFORMATION

HSNO Classification:	6.1B, 6.9A, 9.1D, 9.3A
SDS is required when any quantity is present in a workplace	
Emergency Response Plan required when:	>100kg is present in a workplace
Ecotoxic signage is required when:	>100kg is stored
(Class 6.1B) Hazardous Substances Location Compliance Certificate required for:	> 250kg
(6.1B) Certified handler required for:	Any quantity
Tracking (6.1B):	Any quantity
Registered Pesticides:	Alphachloralose– V009536
HSNO Approval:	HSR007750

16. OTHER INFORMATION

Special Precautions & Other Comments:

Wash hands after handling baits or animals that have been contaminated with Alphachloralose treated baits. Do not use poisoned or contaminated animals for food or feed. This product is toxic to most wildlife. Birds and mammals feeding on carcasses of poisoned birds or animals may be killed. Take measures to minimise the chance of baits entering any body of water. Apply the product only as specified by its label directions.

Where practicable, exposed bodies of all poisoned animals should be collected and destroyed by complete burning or deep burial at a landfill approved for hazardous wastes.

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: JVQ
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