



1. IDENTIFICATION OF THE SUBSTANCE AND MANUFACTURER

1.1 Product identifier

Trade Name Alpachloralose 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, 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 6.1B
 Class 6.9A
Ecotoxic – Toxic to terrestrial animals Class 9.1D
 Class 9.3A
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.
Response Statements:	P273	Avoid Release to the environment
	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
2.3 Other Hazards		No data.

3. COMPOSTION / INFORMATION ON INGREDIENTS

3.1 Substances

Contains no substances of concern other than the active ingredient.

3.2 Mixtures

Chemical Nature: 98% (R) – 1, 2-O-(2,2,2,-Trichloroethylidene)- α-D- glucofuranose C₈H₁₁Cl₃O₆

Component	CAS Number	Concentration (% w/w)	Classification EU
C ₈ H ₁₁ Cl ₃ O ₆	15879-93-3	98%	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.

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:

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:

Solid

A White Fluffy Powder

Slight Odour

Not relevant

Not determined.

Not relevant

182-184C

No Data Available

No Data Available

No Data Available

No Data Available

Not relevant

Not relevant

No Data Available

Slightly soluble. 0.45g/100ml @ 15 degrees C

No Data Available

No Data Available

No Data Available

No Data Available

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

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
HSNO Approval number:	HSR007750
SDS 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: ADC - January 2021.