



orillion

## SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b>	<b>ALPHACHLORALOSE POWDER</b>
<b>Synonyms:</b>	Alpha Powder, Alpha Tech
<b>Supplier 1:</b>	Animal Control Products Ltd T/A ORILLION
<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>Product Name:</b>	<b>ALPHACHLORALOSE POWDER</b>
<b>Synonyms:</b>	Alpha Powder, Alpha Tech
<b>Active Ingredient:</b>	Alphachloralose 90%-100% w/w
<b>Other Ingredients:</b>	Anti-caking agent, starting ingredient, moisture
<b>Active constituent:</b>	98% (R)-1,2-O-(2,2,2-Trichloroethylidene)- $\alpha$ -D-glucofuranose
<b>CAS No:</b>	15879-93-3
<b>Molecular Weight:</b>	309.5
<b>Molecular Formula:</b>	C <sub>8</sub> H <sub>11</sub> Cl <sub>3</sub> O <sub>6</sub>
<b>Recommended use:</b>	For mixing into baits for bird control
<b>Appearance:</b>	A white, fluffy powder

## 3. HAZARDS IDENTIFICATION

This product is classified as a **DANGEROUS SUBSTANCE**.

HSNO Approval code: HSR007750

<b>HAZARD CLASSES:</b>	<b>6.1B, 6.9A, 9.1D, 9.3A</b>
<b>HAZARD IDENTIFIERS:</b>	<b>Priority Identifiers</b> – Harmful if inhaled. Toxic if swallowed. Keep out of reach of children. Ecotoxic. <b>Secondary Identifiers</b> – Danger. Toxic if swallowed. Causes organ damage. Very toxic to terrestrial vertebrates. May cause prolonged harm to aquatic organisms and ecosystems. When handling open containers or mixing baits, wear protective gloves, dust mask, goggles and overalls. Ensure adequate ventilation. Ensure domestic birds and animals and cannot be exposed to the toxin either through eating baits or through eating the carcasses of poisoned birds.
<b>DANGEROUS GOODS CLASS:</b>	6.1
<b>GENERAL REQUIREMENTS:</b>	The product may be used, transported and stored only in accordance with label instructions.

## DANGEROUS GOODS FOR TRANSPORT PURPOSES

### 4. FIRST AID MEASURES

<b>Ingestion:</b>	If eaten, call a doctor. Keep patient awake and warm. Give patient stimulants if possible. Large doses may reduce body temperature to a fatal level.
<b>Eye Contact:</b>	Wash eyes with copious amounts of water.
<b>Skin Contact:</b>	Wash exposed area with soap and water.
<b>Inhalation:</b>	Remove the person to fresh air and seek immediate medical attention. Signs of pulmonary oedema may be delayed for up to 48 hours after exposure. Give oxygen or artificial respiration if the patient has laboured or shallow breathing. Use mouth to nose rather than mouth to mouth.
<b>Notes to Physician:</b>	Symptoms of poisoning are dilation of eye pupils, hallucination, possible trembling and involuntary muscle spasms.

### 5. FIRE FIGHTING MEASURES

Non-flammable.

### 6. ACCIDENTAL RELEASE MEASURES

In the event of a spill, isolate the spill area and exclude all bystanders. Advise emergency services. Take all practicable steps to manage any harmful effects of a spillage including preventing the powder from entering streams or waterways. Scoop spilled powder into secure containers. Recover any uncontaminated material for later use by placing in appropriately labeled containers. Dispose of spoiled material as directed by the label. Use a broom with water and detergent to thoroughly wash down the spill area after all spilled powder has been removed.

### 7. HANDLING AND STORAGE

When handling and laying baits, wear overalls and impervious rubber or PVC gloves. Do not eat, drink or smoke when mixing and applying baits 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.

Store in original container, tightly closed, under lock and key and away from feed or foodstuffs. Keep out of reach of children.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Tolerable exposure limits (TELs) and environmental exposure limits (EELs) do not apply to these products.**

**Engineering Measures:** Decontaminants are sluicing with large volumes of water.

**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 after use.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form / Colour / Odour:** White, fluffy powder. Slight odour.

**Solubility in Water (g/L)**  
**Decomposition Point (°C)**

Slightly soluble. 0.45g/100ml @ 15 degrees C  
Not applicable

## 10. STABILITY AND REACTIVITY

Stable and non-reactive under normal storage and use conditions. May react in contact strong acids, bases and oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

Alphachloralose has an LD<sub>50</sub> value of:

Rats and mice	300 - 400 mg/kg B/W.
Birds (various).	32 - 56 mg/kg B/W
Dogs	650 mg/kg B/W
Cats	70 mg/kg B/W

## 12. ECOLOGICAL INFORMATION

Use 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.

## 13. DISPOSAL CONSIDERATIONS

**Container disposal:** Dispose of empty containers by burning or burying. Bury unwanted or spoiled powder no less than 60cm deep.

## 14. TRANSPORT INFORMATION

<b>HAZCHEM:</b>	<b>2XE</b>
<b>CLASS:</b>	<b>6.1</b>
<b>PACKING GROUP:</b>	<b>II</b>
<b>PROPER SHIPPING NAME:</b>	<b>Toxic, solid, organic n.o.s [contains alphachloralose]</b>
<b>UN NUMBER:</b>	<b>2811</b>
<b>MAXIMUM TRANSPORT QUANTITY FOR TOOLS OF TRADE:</b>	<b>5KG</b>
<b>MAXIMUM TRANSPORT QUANTITY FOR PASSENGER SERVICE VEHICLES:</b>	<b>0.5KG</b>

## 15. REGULATORY INFORMATION

**Registered Pesticide:** V009536 (Alphachloralose Powder)

Hazardous substance approval No. **HSR007750**

## 16. OTHER INFORMATION

### SPECIAL PRECAUTIONS & OTHER COMMENTS:

Wash hands after handling baits or animals that have been poisoned or contaminated with this product. 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, the exposed bodies of all poisoned 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**