



SAFETY DATA SHEET

PESTOFF TREATED BARLEY

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:	V003622
HSNO:	HSR001599
UN:	2811
CAS:	15879-93-3
Active:	2.2% Alphachloralose
Class:	6.1
Packing Group:	< PG III

1. IDENTIFICATION OF THE SUBSTANCE AND MANUFACTURER

1.1 Product identifier

Trade Name Pestoff Treated Barley.

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

Grain 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

6.1D Acute oral toxicity Category 4
Acute dermal toxicity Category 4
Acute inhalation toxicity Category 4

6.9B Specific target organ toxicity - Single exposure Category 2
Specific target organ toxicity - Repeated exposure Category 2

9.3C Hazardous to terrestrial vertebrates

CAS Registry number or active ingredient: 15879-93-3

2.2 Label Elements

Hazard Pictogram:



Signal word: WARNING

Precautionary Statements

Hazard Statements:

H302 Harmful if swallowed
H373 May cause damage to organs through prolonged or repeated exposure
H433 Harmful to terrestrial vertebrates

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 breath vapours
P264 Wash hands thoroughly after handling
P270 Do not eat, drink or smoke when using this product
P273 Avoid release to the environment

Response Statement:

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P314 Get medical advice/attention if you feel unwell
P330 Rinse mouth

Storage Statement:

P405 Store locked up

Disposal Statement:

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:	< = 2.5% [®] – 1, 2-0-(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)	2.2%
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 eaten, call a doctor. Keep patient awake and warm. Give patient stimulants.

Eye Contact:

Wash eyes with copious amounts water.

Skin Contact:

Wash exposed area with soap and water.

SYMPTOMS OF POISONING:

Dilation of pupils, hallucination, possible trembling and involuntary muscle spasms.

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

5. FIRE FIGHTING MEASURES

Pestoff Treated Barley is not flammable.

Extinguishing Media:

Use foam or dry powder to extinguish.

Unsuitable extinguishing Media:

None identified.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:

Wear personal protective equipment.

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 pastes from entering streams or waterways. Scoop spilled paste into secure containers. Recover any undamaged paste for later use by placing in appropriately labelled containers and dispose of spoiled paste as directed in the disposal section below. Use a broom with water and detergent to wash down the spill area after all spilled paste 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 and laying baits, wear overalls and impervious rubber or PVC gloves. 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.

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:

Decontamination is through sluicing with 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:

Grain baits surface coated with white oil which act as a sticker for the toxicant.

Property:	Specification:
Physical State:	Solid
Appearance:	Grain / Barley
Odour:	No odour
Odour Threshold:	Not relevant
pH:	Not determined
Melting point/range:	Not relevant
Boiling point/range:	Not relevant
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:	No data available
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:

Pestoff Treated Barley is stable and non-reactive under normal storage and use conditions.

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 Pestoff Treated Barley 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

Container disposal:

Dispose of empty containers by burning or burying. Bury unwanted or spoiled grain no less than 60cm deep.

14. TRANSPORT INFORMATION

Not classified Dangerous Goods:

Toxicity falls below Packing Group III threshold.

Maximum transport quantity when for use as tools of trade:

No Limits.

15. REGULATORY INFORMATION

Registered Pesticides: Pestoff Treated Barley – V003622

HSNO Approval: HSR001599

16. OTHER INFORMATION

Special Precautions & Other Comments:

Wash hands after handling baits or animals that have been contaminated with Pestoff Treated Wheat. 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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