

# MATERIAL SAFETY DATA SHEET

## PINDONE PELLETS

(for the control of POSSUMS and RATS)

Revised: September 2007

- Approved substance under the HSNO Act 1996 see [www.ermanz.govt.nz](http://www.ermanz.govt.nz) for approval controls. ERMA Approval Number HSR001604
- Registered pursuant to the ACVM Act 1997, No. V4396 see [www.nzfsa.govt.nz/acvm](http://www.nzfsa.govt.nz/acvm) for registration conditions. ACVM Registration Number V004396.

<b>MANUFACTURERS ADDRESS:</b> Pest Management Services Ltd 5a Arko Place, PARAPARAUMU	<b>CONTACT:</b> Sheryle Gregory	<b>TEL:</b> 04 298 2766 <b>FAX:</b> 04 298 2767 0800 111 466	<b>EMERGENCY PHONE NUMBER:</b> National Poisons Centre 0800 764 766
<b>PRODUCT NAME:</b> Pindone Pellets			<b>UN NUMBER:</b> None allocated
<b>CHEMICAL FAMILY:</b> Indandione	<b>CHEMICAL NAME AND SYNONYMS:</b> 2 – Pivalyl – 1, 3 – Indandione		
<b>CHEMICAL FORMULA:</b> C <sub>14</sub> H <sub>14</sub> O <sub>3</sub>	<b>TRADE NAMES AND SYNONYMS:</b> Pindone Pellets (for control of Possums and Rats)		

### SECTION I. HAZARDOUS INGREDIENTS

<b>ACTIVE INGREDIENTS:</b> Pindone, molasses, wheat products, green dye & potassium sorbate	<b>% ACTIVE MATERIAL:</b> 0.5g/kg Pindone	<b>PRODUCT TYPE:</b> Anticoagulant cereal based pellet bait for possum control.
---	--	---

### SECTION II. PHYSICAL DATA OF ACTIVE INGREDIENTS

<b>APPEARANCE AND ODOUR:</b> Green Cereal Pellet, 11mm diameter and 18mm long, grain odour.	<b>MOLECULAR WEIGHT:</b> 0.75g	<b>MELT POINT:</b> N/A	<b>SPECIFIC GRAVITY:</b> N/A
<b>VAPOUR DENSITY (AR=1):</b> NA	<b>COLOUR:</b> Green Cereal Pellet	<b>BULK DENSITY:</b> N/A	<b>BOILING POINT:</b> N/A
<b>VAPOUR PRESSURE:</b> NA	<b>SOLUBILITY:</b> Soluble in water.	<b>WATER REACTIVE:</b> N/A	<b>EVAPORATION RATE:</b> N/A

### SECTION III. FIRE AND EXPLOSION DATA OF PRODUCT

<b>FLASH POINT F (METHOD USED):</b> N/A	<b>FLAMMABLE LIMIT:</b> N/A	<b>AUTOIGNITION TEMP:</b> N/A
<b>EXTINGUISHING MEDIA:</b> Extinguish with water, foam or inert gas.		
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> As with all fires, evacuate personnel to safe areas. Fire-fighter should use self-contained breathing equipment and protective clothing.		
<b>UNUSUAL FIRE OR EXPLOSION HAZARDS:</b> This material is assumed to be combustible. When heated to decomposition, material emits toxic fumes.		

### SECTION IV. REACTIVITY HAZARD DATA OF ACTIVE INGREDIENT

<b>STABILITY:</b> Stable	<b>CONDITIONS TO AVOID:</b> Material is stable from a safety point of view.
<b>POLYMERIZATION:</b> Will not occur	<b>CONDITIONS TO AVOID:</b> None
<b>INCOMPATIBILITY (MATERIALS TO AVOID):</b> None:	<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> None known

### SECTION V. TOXICITY DATA

<b>LD50, (INGESTION):</b> In excess of 200g/kg	<b>LD50, DERMAL:</b> N/A	<b>INHALATION:</b> Be careful of dust from pellets.
<b>FISH, LC50 (LETHAL CONCENTRATION):</b> (RAINBOW TROUT) 021ppm (BLUE GILL SUNFISH) 1.6ppm (100% AI)	<b>AVIAN: 8 DAY DIETRY LC50</b> (100% AI) (BOBWHITE QUAIL) 1,560 ppm (MALLARD DUCK) 2,250 ppm	<b>OTHER:</b> N/A

### SECTION VI. HEALTH HAZARD DATA OF PRODUCT

<b>PRIMARY ROUTE OF ENTRY:</b> <input type="radio"/> Ingestion <input type="radio"/> Skin & Eye contact <input type="radio"/> Inhalation <input type="radio"/> Skin absorption	<b>MEDICAL CONDITIONS GENERALLY AGGRIVATED BY EXPOSURE:</b> None	<b>SIGNAL WORD:</b>
<b>HEALTH HAZARDS:</b> 1 – Caution: May be irritating	<b>SIGNS AND SYMPTOMS OF EXPOSURE:</b> May reduce the clotting ability of the blood	
<b>EMERGENCY FIRST AID PROCEDURES:</b> <u>Eyes:</u> Flush with plenty of water. <u>Skin:</u> Wash with soap and water. <u>Inhalation:</u> Remove patient to fresh air. <u>Ingestion:</u> Do not induce vomiting. Call a Physician or Poison Control Centre immediately. Administer vitamin K, intramuscularly or orally as indicated in bishydroxycoumarin overdoses. Repeat as necessary based on monitoring of prothrombin times.		
<b>SPECIAL PROTECTION INFORMATION:</b> None		

<b>SECTION VII. CONTROL AND PROTECTIVE MEASURES OF PRODUCT</b>
--

<b>RESPIRATOR TYPE:</b>
-------------------------

Not required
--------------

<b>EYE PROTECTION</b>	<b>GLOVES:</b>	<b>VENTILATION:</b>
-----------------------	----------------	---------------------

Not required	Rubber Gloves	None
--------------	---------------	------

<b>OTHER PROTECTIVE MEASURES:</b>
-----------------------------------

None
------

<b>SECTION V111. SPILL OR LEAK PROCEDURE OF PRODUCT</b>
---

<b>ACCIDENTAL RELEASE MEASURES:</b>
-------------------------------------

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

<b>DISPOSAL CONSIDERATIONS:</b>
---------------------------------

Product which is damaged or spoiled should be disposed of by burying with other organic material on the active tip face of an appropriately managed landfill or buried within the biologically active layer of soil elsewhere within a secure area. Ensure that a good covering of earth is applied over the bait immediately to prevent access by scavenging birds. Alternatively, burn unwanted bait material in a suitably constructed and appropriately located incinerator and bury any residues as above. The emissions from burning bait are likely to cause nausea, so ensure wind direction is favourable before burning. Treating baits through a sewerage oxidation facility or other chemical treatment facility is also an acceptable means of disposing of unwanted bait material. Burn empty bags or bury at a landfill. Do not use the empty container for any other purpose.
---

<b>SECTION IX. SPECIAL PRECAUTIONS AND STORAGE DATA OF PRODUCT</b>
--

<b>STORAGE TEMPERATURE:</b>	<b>APPROVED SHELF LIFE:</b>
-----------------------------	-----------------------------

Room Temperature	12 Months
------------------	-----------

<b>SPECIAL SENSITIVITY (HEAT, LIGHT AND MOISTURE):</b>
--

Keep in dry conditions.
-------------------------

<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:</b>
---

Keep away from food and keep locked up.
---

<b>SECTION X. SHIPPING DATA OF PRODUCT</b>
--

<b>DANGEROUS GOODS CLASS:</b> Not classified Dangerous Goods as toxicity falls below Packing Group III threshold.
---

**HAZARDOUS CLASSES (HSNO):** 6.9B, 9.1D

**Priority Identifiers** – Harmful, Ecotoxic, Keep out of the reach of children.

**Secondary Identifiers** – Harmful substance. Repeated exposure may cause toxic to accumulate in internal organs and may affect the clotting ability of the blood.

**WARRANTY:**

The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable. Pest Management Services Ltd provides no warranties; either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein. This information is offered for your consideration and investigation. You should satisfy yourself that you have all current data relevant to your particular use.