

Infosafe No™ 3NV03	Issue Date : February 2021	ISSUED by NUFARM
--------------------	----------------------------	------------------

 Product Name **PONTIAC Seed Treatment**

Classified as hazardous

## 1. Identification

<b>GHS Product Identifier</b>	PONTIAC Seed Treatment
<b>Product Code</b>	0913
<b>Product Type</b>	Group 4A Insecticide Group 3 4 Fungicide
<b>Company Name</b>	NUFARM AUSTRALIA LIMITED. (ABN 80 004 377 780)
<b>Address</b>	103-105 Pipe Road Laverton North Victoria 3026 Australia
<b>Telephone/Fax Number</b>	Tel: +61 3 9282-1000
<b>Emergency phone number</b>	1800 033 498 (24hr Australia)
<b>E-mail Address</b>	SDSANZ@nufarm.com
<b>Recommended use of the chemical and restrictions on use</b>	Seed dressing for the control of various foliar, seed and soil borne diseases in wheat, barley, oates and triticale and the prevention of spread of barley yellow dwarf virus and for protection against insect pests of stored seed grain as per the Directions for Use table on the label.
<b>Other Information</b>	This Safety Data Sheet describes the properties of the concentrated product. The physical properties and the assessments may not apply to the properties of the product once it has been diluted for application.

## 2. Hazard Identification

<b>GHS classification of the substance/mixture</b>	Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.
<b>Signal Word (s)</b>	WARNING
<b>Hazard Statement (s)</b>	H303 May be harmful if swallowed H333 May be harmful if inhaled
<b>Precautionary statement – General</b>	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read carefully and follow all instructions.
<b>Precautionary statement – Response</b>	P301+P317 IF SWALLOWED: get medical help. P304+P317 IF INHALED: get medical help.
<b>Other Information</b>	Poisons Schedule S6

## 3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Imidacloprid	138261-41-3	180 g/L
	Propylene glycol	57-55-6	10-30 %
	Other ingredients (considered non-hazardous)		10-30 %
	Metalaxyl-M	70630-17-0	15 g/L
	Flutriafol	76674-21-0	6.25 g/L
	Water		Balance

## 4. First-aid measures

<b>Inhalation</b>	Remove affected person to fresh air until recovered. If symptoms develop or persist, seek medical advice.
<b>Ingestion</b>	Rinse mouth and then drink plenty of water. Do not give anything by mouth to a semi-conscious or unconscious person. Seek medical advice immediately.
<b>Skin</b>	Remove contaminated clothing and launder before re-use. Wash affected areas thoroughly with soap and water.
<b>Eye contact</b>	If in eyes, hold eyelids open and wash with copious amounts of water for at

Infosafe No™ 3NV03	Issue Date : February 2021	ISSUED by NUFARM
--------------------	----------------------------	------------------

Product Name **PONTIAC Seed Treatment**

Classified as hazardous

<b>First Aid Facilities</b>	least 15 minutes. Seek medical advice.
<b>Advice to Doctor</b>	If poisoning occurs, contact a doctor or the Poisons Information Centre (Australia) on 13 11 26. Treat symptomatically. Has a nicotine like effect. Check blood pressure and pulse rate frequently, as bradycardia and hypotonia are possible. Provide supportive measures for respiratory function and cardiac action. Give artificial respiration if signs of paralysis appear. Additional therapeutic measures involve elimination of the substance from the body or acceleration of its excretion (gastric lavage, saline laxatives, activated charcoal). Contra-indications: Avoid absorption promoting agents such as alcoholic beverages and milk.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog, foam, carbon dioxide or dry chemical.
<b>Hazards from Combustion Products</b>	May emit toxic fumes of hydrogen chloride, hydrogen cyanide, carbon monoxide and nitrogen oxides if involved in fires or exposed to extreme heat.
<b>Special Protective Equipment for fire fighters</b>	Breathable air apparatus should be worn when fighting a fire in which this product is involved.
<b>Specific hazards arising from the chemical</b>	Considered low risk due to water content, however upon evaporation of water the product is combustible.
<b>Other Information</b>	STOP FIRE WATER FROM ENTERING DRAINS OR WATER BODIES.

## 6. Accidental release measures

<b>Spills &amp; Disposal</b>	Contain spill and absorb with clay, sand, soil or proprietary absorbent (such as vermiculite). Collect spilled material and waste in sealable open-top type containers for disposal.
<b>Personal Protection</b>	For appropriate personal protective equipment (PPE), refer Section 8.

## 7. Handling and storage

<b>Precautions for Safe Handling</b>	Seed treated with this product must not be used for animal or human consumption or be allowed to contaminate seed intended for animal or human consumption.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight. Treated seed, when stored, should be kept apart from other seed. The containers should be clearly marked to indicate the contents have been treated with this product.
<b>Other Information</b>	Always read the label and any attached leaflet before use.

## 8. Exposure controls/personal protection

<b>Occupational exposure limit values</b>	Safe Work Australia has set the following exposure standard for propylene glycol (particulates) : TLV (TWA) 10 mg/m <sup>3</sup> , STEL -.
<b>Appropriate engineering controls</b>	Handle in well ventilated areas, generally natural ventilation is adequate.
<b>Personal Protective Equipment</b>	It is good practice to wear suitable personal protective equipment (PPE). When opening the container, preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and goggles. See re-entry period information on the label for this product.
<b>Hygiene Measures</b>	After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

Infosafe No™ 3NV03	Issue Date : February 2021	ISSUED by NUFARM
--------------------	----------------------------	------------------

Product Name **PONTIAC Seed Treatment**

Classified as hazardous

**Requirements Concerning Special Training** After each day's use, wash contaminated clothing and safety equipment. Check State or Territory regulations that require people who use pesticides in their job or business to have training in the application of the materials.

## 9. Physical and chemical properties

<b>Form</b>	Liquid
<b>Appearance</b>	Red liquid suspension
<b>Solubility in Water</b>	Disperses in water.
<b>Specific Gravity</b>	1.107
<b>pH</b>	7.5 (1% solution)
<b>Vapour Pressure</b>	9 x 10 <sup>-7</sup> mPa @ 25°C (imidacloprid)
<b>Partition Coefficient: n-octanol/water</b>	Kow Log P is 0.57 @ 21°C (imidacloprid)
<b>Flammability</b>	Not flammable

## 10. Stability and reactivity

<b>Chemical Stability</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Keep away from strong oxidising agents.
<b>Hazardous Polymerization</b>	Hazardous polymerisation is not possible.

## 11. Toxicological Information

<b>Acute Toxicity - Oral</b>	LD50 (rat) >2,000 mg/kg for similar formulated product
<b>Acute Toxicity - Dermal</b>	LD50 (rat) >2,000 mg/kg for similar formulated product
<b>Acute Toxicity - Inhalation</b>	LC50 (rat) (4hr) >2.17 mg/l for similar formulated product No toxic signs, pre-terminal deaths or post mortem abnormalities were observed.
<b>Ingestion</b>	Swallowing large quantities may cause vomiting, diarrhoea, abdominal pain, lethargy, depressed muscular tone, muscular cramps, respiratory disturbances and trembling.
<b>Inhalation</b>	Inhalation of sprays or mists may result in effects described under ingestion.
<b>Chronic Effects</b>	Evidence from animal studies indicate that repeated or prolonged exposure to flutriafol (in significant quantities) can result in liver damage.
<b>Other Information</b>	The Australian Acceptable Daily Intake (ADI) for imidacloprid for a human is 0.06 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOEL of 6 mg/kg/day, the level determined to show no effects during long term exposure for the most sensitive indicators and the most sensitive species. (Ref: Aust Govt Dept. of APVMA, 'ADI List', April 2020). ADI for flutriafol is 0.01 mg/kg/day, NOEL 1 mg/kg/day. ADI for metalaxyl is 0.03 mg/kg/day, NOEL 3 mg/kg/day.

## 12. Ecological information

<b>Other Precautions</b>	Do not spray on vegetation where honeybees are foraging. Do not contaminate dams, waterways or sewers with this product or the containers which have held this product. Do not feed treated seed, or otherwise expose, to wildlife and domestic animals, particularly birds.
<b>Acute Toxicity - Fish</b>	The following is data for the active ingredient, imidacloprid. LC50 (96hr) for rainbow trout is 211 mg/l.
<b>Acute Toxicity - Daphnia</b>	LC50 (48hr) for daphnia magna is 85 mg/l.

Infosafe No™ 3NV03	Issue Date : February 2021	ISSUED by NUFARM
--------------------	----------------------------	------------------

Product Name **PONTIAC Seed Treatment**

Classified as hazardous

**Acute Toxicity - Algae** EC50 (48hr) for pseudokirchneriella subcapitata >100 mg/l.

**Acute Toxicity - Other Organisms** LD50 for japanese quail is 31 mg/kg  
LD50 for bobwhite quail is 152 mg/kg  
Harmful to bees by direct contact.

### 13. Disposal considerations

**Product Disposal** On site disposal of the concentrated product is not acceptable. Ideally, the product should be used for its intended purpose. If there is a need to dispose of the product, approach local authorities who hold periodic collections of unwanted chemicals (ChemClear®).

**Container Disposal** Do not use this container for any other purpose. If recycling, replace cap and return clean containers to recycler or designated collection point. Triple or preferably pressure rinse containers before disposal. Add rinsings to the spray tank. If not recycling, break, crush or puncture and deliver empty packaging for appropriate disposal at an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. DO NOT burn empty containers or product. Returnable containers: empty contents fully into application equipment. Replace cap, close all valves and return to the point of supply for refill or storage. drumMUSTER is the national program for the collection and recycling of empty, cleaned, non returnable crop production and on-farm animal health chemical containers. If the label on your container carries the drumMUSTER symbol, triple rinse the container, ring your local Council, and offer the container for collection in the program.

### 14. Transport information

**Storage and Transport** Considered non dangerous for transport by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

### 15. Regulatory information

**Regulatory Information** Australia: WHS regulations (2011) - Schedule 11: classification not listed.

**Poisons Schedule** S6

**Packaging & Labelling** POISON  
KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

**Other Information** This product is registered with the Australian Pesticides and Veterinary Medicines Authority (APVMA). APVMA product number: 82028.

### 16. Other Information

**Date of preparation or last revision of SDS** February 2021

**Contact Person/Point** Normal Hours: SDS Coordinator Phone: +61 3 9282 1000  
After Hours: Shift Supervisor Phone: 1800 033 498  
...End Of MSDS...

© Copyright Chemical Safety International Pty Ltd

Copyright in the source code of the HTML, PDF, XML, XFO and any other electronic files rendered by an Infosafe system for Infosafe MSDS displayed is the intellectual property of Chemical Safety International Pty Ltd.

Copyright in the layout, presentation and appearance of each Infosafe MSDS displayed is the intellectual property of Chemical Safety International Pty Ltd. The compilation of MSDS's displayed is the intellectual property of Chemical Safety International Pty Ltd.

Copying of any MSDS displayed is permitted for personal use only and otherwise is not permitted. In particular the MSDS's displayed cannot be copied for the purpose of sale or licence or for inclusion as part of a collection of MSDS without the express written consent of Chemical Safety International Pty Ltd.