

Infosafe No™ 3NUAK	Issue Date : August 2022	ISSUED by NUFARMNZ
--------------------	--------------------------	--------------------

 Product Name **PAYBACK**

## 1. Identification

<b>GHS Product Identifier</b>	PAYBACK
<b>Product Code</b>	04283
<b>Product Type</b>	Plant Growth Regulator
<b>Company Name</b>	Nufarm NZ
<b>Address</b>	Central Park, Building 3, Level 4, 666 Great South Road Ellerslie Auckland 1051 New Zealand
<b>Telephone/Fax Number</b>	Tel: 0-9-270 4150
<b>Emergency phone number</b>	0800 651 911
<b>E-mail Address</b>	nzinfo@nufarm.com
<b>Recommended use of the chemical and restrictions on use</b>	A growth regulator for cherries, apricots, peaches, nectarines, avocados (Hass) and turf.
<b>Other Information</b>	This SDS describes, to the best of our knowledge, the properties of the concentrated product. The physical properties and some of the assessments do not apply to the properties of the product once it has been diluted for application. Acute health effects of the diluted product are likely to be much less severe.

## 2. Hazard Identification

<b>GHS classification of the substance/mixture</b>	NON-DANGEROUS GOODS.
<b>Other Information</b>	6.1D acute toxicant, 6.3B skin irritant, 6.4A eye irritant, 6.8B reproductive or developmental toxicant, 6.9B target organ toxicant, 9.1C aquatic toxicant, 9.3C terrestrial vertebrate toxicant, TOXICITY Harmful - may be harmful if swallowed, inhaled or absorbed through the skin. May cause eye irritation or mild skin irritation. May cause reproductive/development damage or liver damage from repeated oral exposure. ECOTOXIC Harmful to aquatic life with long-lasting effects.

## 3. Composition/information on ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Paclobutrazol	76738-62-0	250 g/L
	Ingredients determined to be non-hazardous	-	10-30 %
	Water	7732-18-5	>60%

## 4. First-aid measures

<b>First Aid Measures</b>	For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. Begin artificial respiration if the victim is not breathing. Use mouth-to-nose rather than mouth-to-mouth. Obtain medical attention.
<b>Inhalation</b>	Remove patient to fresh air. Lay down and keep warm and rested. If breathing is shallow or has stopped ensure airway is clear and apply resuscitation. Seek medical assistance immediately.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. If swallowed do NOT induce vomiting. For advice, contact the National Poisons Centre (0800 764 766). Seek medical assistance immediately.
<b>Skin</b>	Immediately flush body and clothes with large amounts of water. Remove contaminated clothing and footwear. Wash affected areas with soap and water. If a large area is affected seek medical assistance.

Infosafe No™ 3NUAK	Issue Date : August 2022	ISSUED by NUFARMNZ
--------------------	--------------------------	--------------------

Product Name **PAYBACK**

<b>Eye contact</b>	Flush eyes with plenty of water for 15 minutes holding eyelids open if necessary. Seek medical assistance. Remove contact lenses, if present and easy to do.
<b>First Aid Facilities</b>	Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower.
<b>Advice to Doctor</b>	Treat symptomatically.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	If involved in a fire, the product will not burn. Choose extinguishing media to suit the burning material. Water fog, foam, carbon dioxide or dry chemical.
<b>Hazards from Combustion Products</b>	On burning will emit toxic fumes.
<b>Special Protective Equipment for fire fighters</b>	Full protective clothing and self-contained breathing apparatus.
<b>Specific Methods</b>	Keep up wind. Do not allow washings to reach sewage or effluent systems.
<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>	Location Certificate: Not applicable Hazardous Atmosphere Zone: Not applicable Number of Fire Extinguishers: Not applicable

## 6. Accidental release measures

<b>Spills &amp; Disposal</b>	Wear protective clothing. Clear area of unprotected personnel. Contain spill and absorb with sand, soil or absorbent granules. If spill does enter waterways contact the local authority. Collect in an appropriate sealable container for disposal in an approved landfill.
<b>Personal Protection</b>	For appropriate personal protective equipment (PPE), refer Section 8.
<b>Environmental Precautions</b>	Prevent from entering drains, waterways or sewers.

## 7. Handling and storage

<b>Precautions for Safe Handling</b>	Avoid skin and eye contact and inhalation of spray mist. CERTIFIED HANDLER: Is not required. TRACKING: Is not required RECORD KEEPING: Not applicable This product must not be applied onto or into water.
<b>Conditions for safe storage, including any incompatibilities</b>	Keep out of reach of children. Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs. Storage must be in accordance with NZS 8409 Management of Agrichemicals. Stores containing 1,000L of PAYBACK require secondary containment and are subject to signage, and more than 1,000L require emergency response plans.
<b>Other Information</b>	Always read the label and any attached leaflet before use. Aggregate Storage Volume Thresholds: When stored with substances of the same hazard classification the aggregate quantity must be considered. For full details refer to the current NZS8409 Management of Agrichemicals and the HSNO Regulations.

## 8. Exposure controls/personal protection

<b>Occupational exposure limit values</b>	No exposure limits (WES, TEL or EEL's) have been specifically assigned for this product.
<b>Appropriate engineering controls</b>	Handle in well ventilated areas, generally natural ventilation is adequate.
<b>Personal Protective Equipment</b>	When opening the container, preparing spray and using the prepared spray wear safety goggles, waterproof gloves, cotton overalls buttoned to the neck

Infosafe No™ 3NUAK	Issue Date : August 2022	ISSUED by NUFARMNZ
--------------------	--------------------------	--------------------

 Product Name **PAYBACK**

and wrist, and boots.

**Hygiene Measures** Do not eat, drink or smoke while using.  
Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash protective clothing daily after work. Wash splashes of concentrate from skin immediately.

## 9. Physical and chemical properties

<b>Form</b>	Liquid
<b>Appearance</b>	Beige liquid
<b>Odour</b>	Odourless
<b>Solubility in Water</b>	Disperses in water.
<b>Specific Gravity</b>	1.08
<b>Flash Point</b>	Not flammable
<b>Other Information</b>	(SC) Suspension Concentrate

## 10. Stability and reactivity

<b>Chemical Stability</b>	Stable under normal conditions of handling and storage.
<b>Other Information</b>	Non corrosive

## 11. Toxicological Information

<b>Toxicology Information</b>	No specific toxicological data is available for this product. Data below is for constituents.
<b>Acute Toxicity - Oral</b>	LD50 (male mice) 490 mg/kg for paclobutrazol
<b>Acute Toxicity - Inhalation</b>	LC50 (4h) (female rat) 3.13 mg/l for paclobutrazol
<b>Reproductive Toxicity</b>	Reproductive studies indicate that paclobutrazol produces embryo/foetotoxic effects at maternally toxic doses, only.
<b>Chronic Effects</b>	Chronic studies using paclobutrazol in rats and dogs have shown liver effects (increased liver weights) in animals fed 12.5 and 75mg/kg/day, respectively.
<b>Serious eye damage/irritation</b>	Irritating.
<b>Skin corrosion/irritation</b>	Mild skin irritant.
<b>Subchronic/Chronic Toxicity</b>	Teratology - Rat: Maternal NOEL = 100mg/kg/day for paclobutrazol Target organ: Hepatotoxicity/alimentary system (liver) LOAEL (rat) 12.5 mg/kg bw/day for paclobutrazol
<b>Other Information</b>	The Australian Acceptable Daily Intake (ADI) for paclobutrazol for a human is 0.01 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOEL of 1.4 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: Comm. Dept. of Health and Ageing, Office of Chemical Safety, 'ADI List', December 2014).

## 12. Ecological information

<b>Persistence and degradability</b>	Yes
<b>Basis for Assessment</b>	Ecotoxicological data have not been determined specifically for this product. Data below is for the active ingredient unless otherwise stated.
<b>Acute Toxicity - Fish</b>	LC50 (96hr) for bluegill sunfish is 23.6 mg/l for paclobutrazol
<b>Acute Toxicity - Daphnia</b>	EC50 (48hr) for daphnia magna is >29.0 mg/l for paclobutrazol.
<b>Acute Toxicity - Algae</b>	EC50 (96h) for selenastrum capricornutum 41.5 mg/l for paclobutrazol.

Infosafe No™ 3NUAK	Issue Date : August 2022	ISSUED by NUFARMNZ
--------------------	--------------------------	--------------------

 Product Name **PAYBACK**

### 13. Disposal considerations

<b>Product Disposal</b>	Dispose of product only by using according to the label, or at an approved landfill.
<b>Container Disposal</b>	Triple rinse empty container and add rinsate to spray tank. Recycle empty container. Otherwise crush and bury in a suitable landfill.

### 14. Transport information

<b>Transport Information</b>	It is good practice not to transport agricultural chemical products with food, food related materials and animal feedstuffs.
<b>Storage and Transport</b>	Not classified as Dangerous Goods for transport in New Zealand.
<b>Other Information</b>	Do not carry more than 1L of PAYBACK on a passenger service vehicle. Segregation: Check the latest Land Transport Rule Dangerous Goods Rule 45001 for additional information. Sea transport may require additional segregation. Refer NZS5433 sea segregation for details.

### 15. Regulatory information

<b>National and or International Regulatory Information</b>	Registered pursuant to the ACVM Act 1997, No. P3270 See <a href="http://www.foodsafety.govt.nz">www.foodsafety.govt.nz</a> for registration conditions Approved pursuant to the HSNO Act 1996, Approval Code HSR000779 See <a href="http://www.epa.govt.nz">www.epa.govt.nz</a> for approval controls.
<b>Packaging &amp; Labelling</b>	HARMFUL - keep out of reach of children
<b>Hazard Rating Systems</b>	NFPA/HMIS: 2-1-1

### 16. Other Information

<b>Date of preparation or last revision of SDS</b>	August 2017
<b>Contact Person/Point</b>	IN AN EMERGENCY, DIAL 111 - FIRE OR POLICE 24Hr Tollfree Emergency No: 0800 651 911 24Hr Emergency No: National Poisons Centre Phone: 0800 764 766
<b>Revisions Highlighted</b>	5 yearly review carried out.  ...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.