

Infosafe No™ 3NUT2	Issue Date : September 2022	ISSUED by NUFARMNZ
--------------------	-----------------------------	--------------------

 Product Name **KYTE™700WG**

## 1. Identification

<b>GHS Product Identifier</b>	KYTE™700WG
<b>Product Code</b>	00379
<b>Product Type</b>	Selective herbicide
<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>	Selective herbicide for controlling a range of weeds in clover seed crops and lucerne.
<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>	DANGEROUS GOODS.
<b>Other Information</b>	6.1D acute toxicant, 6.3B skin irritant, 6.4A eye irritant, 9.1A aquatic toxicity, 9.2A soil toxicant TOXICITY Harmful- may be harmful if swallowed, inhaled or absorbed through the skin. May cause eye irritation or mild skin irritation. ECOTOXIC Very toxic to aquatic organisms. Selective herbicide-very toxic to some plant species.

## 3. Composition/information on ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Imazethapyr	81335-77-5	700 g/kg
	Ingredients determined to be non-hazardous	-	10-30%
	Dispersants		10-30%

## 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.
<b>Eye contact</b>	Flush eyes with plenty of water for 15 minutes holding eyelids open if

Infosafe No™ 3NUT2	Issue Date : September 2022	ISSUED by NUFARMNZ
--------------------	-----------------------------	--------------------

Product Name **KYTE™700WG**

**First Aid Facilities** necessary. Seek medical assistance. Remove contact lenses, if present and easy to do.  
Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower.

**Advice to Doctor** Treat symptomatically.

## 5. Fire-fighting measures

**Suitable extinguishing media** Water fog, foam, carbon dioxide or dry chemical.

**Hazards from Combustion Products** Avoid using large volumes of water which would spread the product. Avoid direct water jets, airborne dusts may create an explosion hazard. If involved in a major fire, could evolve oxides of carbon or nitrogen.

**Special Protective Equipment for fire fighters** Full protective clothing and self-contained breathing apparatus.

**Specific Methods** Keep up wind. Do not allow washings to reach sewage or effluent systems.

**Specific hazards arising from the chemical** No unusual fire and explosion hazards known.

**Hazchem Code** 2Z

**Other Information** Location Certificate: Not applicable  
Hazardous Atmosphere Zone: Not applicable  
Number of Fire Extinguishers: Not applicable

## 6. Accidental release measures

**Spills & Disposal** 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. Thoroughly scrub floor with a strong industrial type detergent solution and rinse with water.

**Personal Protection** For appropriate personal protective equipment (PPE), refer Section 8.

**Environmental Precautions** Prevent from entering drains, waterways or sewers. This product is a herbicide and spills can damage crops, pastures and desirable vegetation.

## 7. Handling and storage

**Precautions for Safe Handling** Avoid skin and eye contact and inhalation of spray mist.  
APPROVED HANDLER: This product must be under the control of an approved handler when applied in a wide dispersive manner, or used by a commercial contractor.  
TRACKING: Is not required.  
RECORD KEEPING: Records of use as described in NZS 8409 Management of Agrichemicals must be kept if 3 kg or more is applied within 24 hours.  
BEWARE: Spray drift hazard. Apply this product carefully. Spray drift may cause serious damage to other desirable plants  
Do not allow product to drift outside the target area.

**Conditions for safe storage, including any incompatibilities** Keep out of reach of children.  
Store in original container tightly closed in a locked, dry, cool area away from foodstuffs, fertilisers and seeds. Storage must be in accordance with NZS 8409 Management of Agrichemicals.  
Stores containing 100kg of KYTE 700WG are subject to signage, and more than 100kg require emergency response plans.

**Other Information** 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.

Infosafe No™ 3NUT2	Issue Date : September 2022	ISSUED by NUFARMNZ
--------------------	-----------------------------	--------------------

 Product Name **KYTE™700WG**

## 8. Exposure controls/personal protection

<b>Occupational exposure limit values</b>	No exposure limits (WES, TEL, EEL's) have been specifically assigned for this product. WES TWA for Kaolin=10mg/m <sup>3</sup> inhalable dust and 2mg/m <sup>3</sup> , respirable dust.
<b>Appropriate engineering controls</b>	Use in a well ventilated area only. Local exhaust ventilation may be required in confined spaces.
<b>Personal Protective Equipment</b>	Avoid skin and eye contact and inhalation of spray mist. When opening the container, preparing spray and using the prepared spray wear safety goggles, waterproof gloves, waterproof hat, cotton overalls buttoned to the neck and wrist, and boots.
<b>Hygiene Measures</b>	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.

## 9. Physical and chemical properties

<b>Form</b>	Solid
<b>Appearance</b>	White to off white to light brown cylindrical granules.
<b>Melting Point</b>	Not applicable
<b>Solubility in Water</b>	Dispersible
<b>pH</b>	3.0 - 7.0 (1% solution)
<b>Flammability</b>	Danger of dust explosion.
<b>Other Information</b>	(WG) Water Dispersible Granule

## 10. Stability and reactivity

<b>Chemical Stability</b>	Stable under normal conditions of handling and storage.
<b>Incompatible Materials</b>	Do not mix, store or apply the product or spray solutions of the product in galvanised steel or unlined steel (except stainless steel) containers or spray tanks. Not compatible with aluminium.
<b>Possibility of hazardous reactions</b>	Keep away from strong oxidising agents.
<b>Hazardous Polymerization</b>	Hazardous polymerisation will not occur.

## 11. Toxicological Information

<b>Toxicology Information</b>	No harmful effects are expected if the precautions on the label and this SDS are followed.
<b>Acute Toxicity - Oral</b>	LD50 (rat) = >5,000mg/kg (imazethapyr)
<b>Acute Toxicity - Dermal</b>	LD50 (rabbit) = >2,000mg/kg (imazethapyr)
<b>Acute Toxicity - Inhalation</b>	LC50 (rat) >3.27mg/L air (imazethapyr)
<b>Ingestion</b>	The concentrate is of low toxicity if swallowed.
<b>Inhalation</b>	The components of the product are of low volatility and no adverse effects are expected from handling the concentrate.
<b>Skin</b>	Prolonged contact with the concentrate may cause irritation.
<b>Eye</b>	The concentrate will cause irritation of the eyes.
<b>Skin Sensitisation</b>	Product is not a skin sensitiser.
<b>Other Information</b>	The Australian Acceptable Daily Intake (ADI) for imazethapyr for a human is 2.8 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOEL of 276 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,

Infosafe No™ 3NUT2	Issue Date : September 2022	ISSUED by NUFARMNZ
Product Name <b>KYTE™700WG</b>		

'ADI List', December 2014.).

## 12. Ecological information

<b>Persistence and degradability</b>	DT50 lab (aerobic, 20C) 158d for Imazethapyr.
<b>Bioaccumulative Potential</b>	Imazethapyr has low bioaccumulation potential.
<b>Environmental Protection</b>	Spray drift can cause damage.
<b>Acute Toxicity - Fish</b>	LC50 (96h) Rainbow trout is 340 mg/L (imazethapyr) Bluegill sunfish is 420 mg/L (imazethapyr) Channel catfish is 240 mg/L (imazethapyr)
<b>Acute Toxicity - Daphnia</b>	LC50 (48h) Daphnia is >1000 mg/L (imazethapyr)
<b>Acute Toxicity - Algae</b>	NOEL for Selenastrum capricornutum is 50 mg/L (imazethapyr)
<b>Acute Toxicity - Other Organisms</b>	LD50 acute oral for Bobwhite quail and Mallard ducks is > 2150 mg/kg (imazethapyr) LC50 (14d) Worms > 15.7 mg/kg (imazethapyr) Not toxic to bees. LD50 (48h) Bees >24.6 µg/bee oral, >100µg/bee contact (imazethapyr)

## 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>	PLASTIC: 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>U.N. Number</b>	3077
<b>UN proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. - (imazethapyr 70%)
<b>Transport hazard class(es)</b>	9
<b>Hazchem Code</b>	2Z
<b>Packaging Method</b>	-
<b>Packing Group</b>	III
<b>EPG Number</b>	-
<b>IERG Number</b>	47
<b>IMO Marine Pollutant</b>	Yes. Environmentally Hazardous Substance mark required.
<b>EMS</b>	F-A, S-F
<b>Other Information</b>	Do not carry more than 3kg of KYTE 700WG 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. P9045 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 HSR100979. See <a href="http://www.epa.govt.nz">www.epa.govt.nz</a> for approval controls.
<b>Packaging &amp; Labelling</b>	ECOTOXIC HARMFUL - Keep out of reach of children.

Infosafe No™ 3NUT2      Issue Date : September 2022      ISSUED by NUFARMNZ

Product Name **KYTE™700WG**

**Hazard Rating**      NFPA/HMIS: 2-1-1

**Systems**

## 16. Other Information

**Date of preparation**      May 2017

**or last revision of**

**SDS**

**Contact Person/Point**      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

**Revisions**

**Highlighted**

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.