

Infosafe No™ 3NUW7 Issue Date : May 2024 ISSUED by NUFARMNZ

Product Name **CHARTER™750WDG**

Section 1 - Identification

Product Identifier	CHARTER™750WDG
Product Code	00182
Product Type	Herbicide
Company Name	Nufarm NZ
Address	Central Park, Building 3, Level 4, 666 Great South Road Ellerslie Auckland 1051 New Zealand
Telephone/Fax Number	Tel: 0-9-270 4150
Emergency Phone Number	0800 651 911
Email	nzinfo@nufarm.com
Recommended uses and any restrictions on use or supply	For the control of buttercups and docks in pasture, wheat, barley and oats and for use in conservation tillage.
Other Information	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.

Section 2 - Hazard(s) Identification

GHS classification of the substance/mixture	Eye irritation Category 2 Hazardous to the terrestrial environment: Hazardous to soil organisms Hazardous to the aquatic environment acute Category 1 Hazardous to the aquatic environment chronic Category 1
Signal Word (s)	WARNING
Hazard Statement (s)	H319 Causes serious eye irritation. H410 Very toxic to aquatic life with long lasting effects. H421 Very toxic to the soil environment.
Precautionary Statement – General	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.
Pictogram (s)	Exclamation mark, Environment



Precautionary Statement – Prevention	P264 Wash hands, face and exposed skin thoroughly after handling. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
Precautionary Statement – Response	P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention. P391 Collect spillage.
Precautionary Statement – Disposal	P501 Dispose of contents/container to an approved landfill.

Section 3 - Composition and Information on Ingredients

Chemical Characterization	Solid
Ingredients	<u>Name</u> <u>CAS</u> <u>Proportion</u>

Infosafe No™ 3NUW7	Issue Date : May 2024	ISSUED by NUFARMNZ
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Ingredients determined to be non-hazardous	-	10-25%
Thifensulfuron-methyl	79277-27-3	750 g/kg

Section 4 - First Aid Measures

First-aid Measures	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.
Inhalation	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.
Ingestion	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.
Skin	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.
Eye	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.
First-aid Facilities	Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower.
Advice to Doctor	Treat symptomatically.

Section 5 - Firefighting 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, nitrogen and sulphur.
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
Decomposition Temperature	Information is not available.
Other Information	Location Certificate: Not applicable Hazardous Atmosphere Zone: Not applicable Number of Fire Extinguishers: Not applicable

Section 6 - Accidental Release Measures

Spills and Disposal	Clear area of unprotected personnel. Sweep up solids without generating dust. Contain liquid 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.
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.

Section 7 - Handling and Storage

Precautions for Safe Handling	The person mixing or applying CHARTER 750WDG must be a 'Qualified Contractor' or a 'Qualified Person'. The spray mixture may also be prepared by a 'Qualified Loader'. For more information refer to the Hazardous Substances
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Infosafe No™ 3NUW7	Issue Date : May 2024	ISSUED by NUFARMNZ
Product Name CHARTER™750WDG		

Conditions for safe storage, including any incompatibilities	<p>Property Controls Notice 2017. It is the duty of the PCBU that a person who uses, handles, manufactures or stores a hazardous substance (including hazardous waste) is provided information, instruction and training in accordance with Regulation 4.5 of the Health and Safety at work (Hazardous Substances) Regulations 2017.</p> <p>Avoid skin and eye contact and inhalation of spray mist.</p> <p>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.</p> <p>CERTIFIED HANDLER: Is not required.</p> <p>TRACKING: Is not required.</p> <p>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. Records must be kept for a minimum of 3 years from application date.</p> <p>Keep out of reach of children.</p> <p>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.</p> <p>Stores containing 100kg of CHARTER 750WDG are subject to signage, and more than 100kg require emergency response plans.</p>
Other Information	<p>Always read the label and any attached leaflet before use.</p> <p>Aggregate Storage Volume Thresholds</p> <p>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.</p>

Section 8 - Exposure Controls and Personal Protection

Occupational Exposure Limits (OEL)	No exposure limits (WES, TEL, EEL's) have been specifically assigned for this product. WES TWA for Kaolin=10mg/m³ inhalable dust and 2mg/m³, respirable dust.
Appropriate Engineering Controls	Use in a well ventilated area only. Local exhaust ventilation may be required in confined spaces.
Personal Protective Equipment	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.
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.

Section 9 - Physical and Chemical Properties

Form	Solid
Appearance	Off white free flowing extruded granules.
Odour	Information is not available.
Decomposition Temperature	Information is not available.
Solubility in Water	Disperses in water.
pH	5.0 - 8.0 (1% solution)
Vapour Pressure	Information is not available.
Vapour Density (Air=1)	Information is not available.
Odour Threshold	Information is not available.
Partition Coefficient: n-octanol/water	Information is not available.
Flash Point	Information is not available.
Flammability	Danger of dust explosion.

Infosafe No™ 3NUW7	Issue Date : May 2024	ISSUED by NUFARMNZ
Product Name CHARTER™750WDG		

Auto-ignition Temperature	Information is not available.
Flammable Limits - Lower	Information is not available.
Flammable Limits - Upper	Information is not available.
Initial Boiling Point and Boiling Range	Information is not available.
Kinematic Viscosity	Information is not available.
Particle Characteristics	Information is not available.
Relative Density	Information is not available.
Melting/Freezing Point	Information is not available.
Other Information	(WG) Water Dispersible Granule

Section 10 - Stability and Reactivity

Chemical Stability	Stable under normal conditions of handling and storage.
Incompatible Materials	Avoid mixing with strong acids and alkalis and oxidising agents such as chlorine compounds, ammonium nitrate etc.
Possibility of Hazardous Reactions	Keep away from strong oxidising agents.
Hazardous Polymerization	Hazardous polymerisation will not occur.

Section 11 - Toxicological Information

Toxicology Information	No harmful effects are expected if the precautions on the label and this SDS are followed.
Acute Toxicity - Oral	LD50(rat) = >5,000mg/kg (thifensulfuron-methyl)
Acute Toxicity - Inhalation	LC50(rat) >7.9 mg/L air (thifensulfuron-methyl)
Acute Toxicity - Dermal	LD50(rabbit) = >2,000mg/kg (thifensulfuron-methyl)
Ingestion	The product is of low toxicity if swallowed.
Inhalation	The components of the product are of low volatility and no adverse effects are expected from handling.
Skin Corrosion/Irritation	Prolonged contact with the product may cause skin irritation.
Serious Eye Damage/Irritation	The product may cause eye irritation.
Skin Sensitisation	Product is not a skin sensitiser.
Germ Cell Mutagenicity	Information is not available.
Carcinogenicity	Information is not available.
Reproductive Toxicity	Information is not available.
STOT - Single Exposure	Information is not available.
STOT - Repeated Exposure	Information is not available.
Aspiration Hazard	Information is not available.
Other Information	The Australian Acceptable Daily Intake (ADI) for thifensulfuron-methyl for a human is 0.01 mg/kg/day, set for the public for daily, lifetime exposure. This

Infosafe No™ 3NUW7	Issue Date : May 2024	ISSUED by NUFARMNZ
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is based on the NOEL of 1.25 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', Edition 1 /2024).

Section 12 - Ecological Information

Persistence and Degradability	DT50 soil is <1 to 7 days (thifensulfuron-methyl)
Mobility	Information is not available.
Bioaccumulative Potential	Thifensulfuron-methyl does not bioaccumulate.
Environmental Protection	Spray drift can cause damage.
Acute Toxicity - Fish	LC50 (96h) Rainbow trout is 100 mg/L (thifensulfuron-methyl) Bluegill sunfish is 520 mg/L (thifensulfuron-methyl)
Acute Toxicity - Daphnia	LC50 (48h) Daphnia is 470 mg/L (thifensulfuron-methyl)
Acute Toxicity - Other Organisms	LD50 acute oral for Mallard ducks is > 2150 mg/kg (thifensulfuron-methyl) LC50 Worms > 2000 mg/kg (thifensulfuron-methyl) Not toxic to bees. LD50 (48h) Bees >12.5 µg/bee. (thifensulfuron-methyl)

Section 13 - Disposal Considerations

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

Section 14 - Transport Information

Transport Information	It is good practice not to transport agricultural chemical products with food, food related materials and animal feedstuffs.
UN Number	3077
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. - (thifensulfuron-methyl)
Hazard Class	9
Hazchem Code	2Z
Packaging Method	-
Packing Group	III
EPG Number	-
IERG Number	47
IMO Marine Pollutant	Yes. Environmentally Hazardous Substance mark required.
EMS	F-A, S-F
Other Information	Do not carry more than 3kg of CHARTER 750 WDG 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.

Section 15 - Regulatory Information

National and or International Regulatory Information	Registered pursuant to the ACVM Act 1997, No. P9296 See www.foodsafety.govt.nz for registration conditions. Approved pursuant to the HSNO ACT 1996, Approval Code HSR000236. See www.epa.govt.nz for approval controls.
Packaging and Labelling	WARNING KEEP OUT OF REACH OF CHILDREN

Infosafe No™ 3NUW7	Issue Date : May 2024	ISSUED by NUFARMNZ
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READ LABEL BEFORE USE

Section 16 - Any Other Relevant Information

Date of preparation or last revision of SDS April 2021.

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 Various changes and updates made to the document to comply with GHS7.

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