

SAFETY DATA SHEET

According to
HSNO Hazardous Substances (Safety Data Sheets) Notice 2017

Section 1. Identification of the material and the supplier

Product: **Regime 20GR**
Product Use: Herbicide
Restriction of Use: Refer to Section 15

New Zealand Supplier: **Adria Crop Protection Solutions**
Address: 407 State Highway 16
Kumeu 0841,
Auckland

Telephone: +64 9 412 9817
Fax: +64 9 412 9807
Website: www.adria.nz

Emergency No: **0800 734 607 (24hr)**
0800 764 766 (National Poison Centre)

Date of SDS Preparation: 9th September 2025

Section 2. Hazards Identification

This substance is hazardous according to the EPA Hazardous Substances (Hazard Classification) Notice 2020

EPA Approval No: HSR101676

Pictograms



Signal Word: **Warning**

GHS Category	Hazard Code	Hazard Statement
Carcinogenicity Cat. 2	H351	Suspected of causing cancer.
Reproductive toxicity Cat. 2	H361	Suspected of damaging fertility or the unborn child.
Specific target organ toxicity – repeated exposure Cat. 2	H373	May cause damage to organs through prolonged or repeated exposure.
Hazardous to the aquatic environment acute Cat. 1	H400	Very toxic to aquatic life.
Hazardous to the aquatic environment chronic Cat. 1	H410	Very toxic to aquatic life with long lasting effects.
Hazardous to soil organisms.	H422	Hazardous to soil organisms

Prevention Code	Prevention Statement
P103	Read carefully and follow all instructions.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust, fumes, gas, mist, vapours or spray.
P273	Avoid release to the environment.
P280	Wear protective clothing as detailed in SDS Section 8.

Response code	Response statement
P101	If medical advice is needed, have product container or label at hand.
P314	Get medical advice/attention if you feel unwell.
P391	Collect spillage.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.

Storage code	Storage statement
P405	Store locked up.

Disposal code	Disposal statement
P501	Refer to Section 13.

Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Content (w/v)	CAS NUMBER
Oxadiazon	2%	19666-30-9
Other ingredients	To balance	-

Section 4. First Aid Measures

Consult the National Poisons Information Centre (0800 POISON (0800 764 766)) or a doctor in every case of suspected chemical poisoning. Never give anything by mouth to an unconscious person. Have the product container or label with you when calling a poison control centre or doctor, or going for treatment.

Routes of Exposure:

If in Eyes Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Seek medical attention if needed.

If on Skin Wash skin with soap and plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. Wash clothing before re-use.

If Swallowed Rinse mouth and then drink 200-300 ml of water, seek immediate medical attention. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If Inhaled Move person to fresh air. If person is not breathing, call an emergency responder or ambulance, then give artificial respiration; if by mouth to mouth use rescuer protection (pocket mask etc). Seek medical assistance immediately. If breathing is difficult, oxygen should be administered by qualified personnel.

Most important symptoms and effects, both acute and delayed

Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

Treatment: No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient. Have the Safety Data Sheet, and if available, the product container or label with you when calling a poison control center or doctor, or going for treatment.

Section 5. Fire Fighting Measures

Hazards from combustion products	Under fire conditions some components of this product may decompose.
Suitable Extinguishing media	Alcohol resistant foam, carbon dioxide, dry chemical, water spray.
Recommended protective clothing & Precautions for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing. Do not allow to enter waterways.

Section 6. Accidental Release Measures

Personal precautions:

Isolate area. Keep unnecessary and unprotected personnel from entering the area as per Section 9. Refer to section 7: Handling, for additional precautionary measures. Keep upwind of spill. Ventilate area of leak or spill. Use appropriate safety equipment.

Environmental precautions:

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

Spill and Disposal procedures:

Contain spilled material if possible. Contain spill and absorb with sand, soil or absorbent granules. Collect in suitable and properly labelled containers. See Section 13: Disposal Considerations, for additional information.

Section 7. Handling and Storage

Precautions for Handling:

- Read carefully and follow all instructions.

- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Do not breathe dust, fumes, gas, mist, vapours or spray.
- Avoid release to the environment.
- Wear protective clothing as detailed in SDS Section 8.
- Avoid contact with skin and eyes.

Precautions for Storage:

- Store in original container tightly closed and in a locked, dry, cool, well-ventilated area away from foodstuffs, fertilisers, seeds, in direct sunlight or near potable water supplies.
- Store locked up.
- Do not contaminate water.
- Keep away from children or uninformed persons.
- Avoid extreme temperatures.
- Refer to the current standard NZS8409 Management of Agrichemicals.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

No substance specific occupational exposure limits known.

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices FEB 2025 15TH EDITION.

Engineering Controls / Industrial Hygiene

Containment and/or segregation is the most reliable technical protection measure if exposure cannot be eliminated. The extent of these protection measures depends on the actual risks in use. If airborne dust is generated, use local exhaust ventilation controls. Maintain air concentrations below occupational exposure standards. Where necessary, seek additional occupational hygiene advice.

Personal Protection Equipment

Eyes	Use safety glasses with side-shields.
Hands	Suitable chemical resistant safety gloves (EN ISO 374-1) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN ISO 374-1): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) etc.
Skin	Body protection (chemical protection suit, boots) must be chosen depending on activity and possible exposure. Decontaminate contaminated clothing, remove, and dispose of in accordance with the manufacturer's instructions
Respiratory	Suitable respiratory protection for lower concentrations or short-term effect: Combination filter for gases/vapours of organic, inorganic, acid inorganic, alkaline compounds and toxic particles (e. g. EN 14387 Type ABEK-P3) (Combination filter EN 14387 ABEK)

General	<p>Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.</p> <p>All chemical protective clothing should be visually inspected prior to use. Clothing and gloves should be replaced in case of chemical or physical damage or if contaminated. End users of this product should follow label instructions for personal protection when using this product.</p>
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Section 9 Physical and Chemical Properties

Appearance	Granule
Colour	Pale granule
Odour	Characteristic odour
Odour Threshold	No data available
pH	5-9
Boiling/Melting Point	No data available
Freezing Point	No data available
Flash Point	No data available
Flammability	No data available
Upper and Lower Explosive Limits	No data available
Vapour Pressure	No data available
Vapour Density	No data available
Density	No data available
Water Solubility	No data available
Partition Coefficient:	No data available
Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available
Particle Characteristics	No data available
Surface tension	No data available

Section 10. Stability and Reactivity

Stability of Substance	Store in original containers and keep tightly closed.
Possibility of hazardous reactions	Hazardous polymerisation does not occur.
Conditions to Avoid	Protect from extreme temperatures, direct sunlight, hot surfaces, open flames, and sources of ignition.
Incompatible Materials	Strong basic, acidic, or oxidising materials. Store only in the original container.
Hazardous Decomposition Products	No information available.

Section 11 Toxicological Information

Acute Effects

Swallowed	No data available
Dermal	No data available
Inhalation	No data available
Eye	No data available
Skin	No data available

Chronic Effects:

Carcinogenicity	Suspected of causing cancer.
Reproductive Toxicity	Suspected of damaging fertility or the unborn child.
Germ Cell Mutagenicity	No data available
Aspiration	No data available
STOT/SE	No data available
STOT/RE	May cause damage to organs through prolonged or repeated exposure.

Section 12. Ecotoxicological Information

Ecological effects information	Acute: Very toxic to aquatic life. Chronic: Very toxic to aquatic life with long lasting effects. Hazardous to soil organisms.
Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available
Acute fish toxicity:	No data available
Toxicity for daphnia and other aquatic invertebrates:	No data available
Toxicity to algae:	No data available
Precautions:	Do not allow to enter waterways.
EEL values:	<ul style="list-style-type: none">• EEL Freshwater: 0.2 µg/L• EEL Marine: 1.8 µg/L

Section 13. Disposal Considerations

Disposal Method:

Triple rinse container and add residue to spray tank. Return empty container to an AgRecovery collection point for disposal.



Empty container precautions:

Avoid contamination of any water supply with chemical or empty container.

Precautions or methods to avoid: Avoid release to the environment.

Section 14 Transport Information

This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2020 and SNZ HB 5433:2021



Road, Rail, Sea and Air Transport

UN No	3077
Class - Primary	9
Packing Group	III
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID N.O.S (Oxadiazon)
Marine Pollutant	Yes
Special Provisions	If the product's individual container is below 5L/kg, it can be transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG.

Section 15 Regulatory Information

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: HSR101676

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	Not required
Emergency Response Plan	1000kg (6.7A)
Secondary Containment	1000kg (6.7A)
Restriction of Use:	The substance is intended to be imported and applied by professionals using ground based methods.
	It is designed for spreading via a granular applicator, at a maximum application rate of 200 kg formulated product/ha (equivalent to 4 kg oxadiazon/ha) for ornamental plantings and 150 kg formulated product/ha (equivalent to 3 kg oxadiazon/ha) for recreational turf.

Section 16**Other Information**

For proper and safe use of this product, please refer to the approval conditions laid down on the product label. The data contained in this safety data sheet is based on our current knowledge and describes the product only with regard to safety requirements. The data does not describe the products properties. Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any existing laws and legislation are observed.

Glossary

Cat	Category
EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Feb 2025 15th edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017
- 6.

Disclaimer

The information herein is given in good faith, but no warranty, express or implied is made. Please contact Adria, if further information is required.

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