

SAFETY DATA SHEET



4SEE Herbicide

Date of Issue: 18.July.2018

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Chemical name of active ingredient(s): Oxadiazon 380g/l SC

Recommended use: Selective Herbicide

Supplier: Agrisource 2000 Limited
45 Kitchener Road
Pukekohe
Phone: 09 237 0422

Emergency telephone number: 0800 Poison (0800 764 766) 24 Hours

2. HAZARDS IDENTIFICATION

Hazard Classifications:

- 6.4A: **Harmful** - May cause eye irritation.
- 6.7B: **Harmful** - Suspected of causing cancer.
- 6.8B: **Harmful** - May cause reproductive/development damage from repeated oral exposure.
- 6.9B: **Harmful** - May cause organ damage from repeated oral exposure at high doses.
- 9.1A: **Ecotoxic** - Very Toxic to aquatic organisms. Avoid contamination of any water supply with product or empty container.
- 9.2A: **Very toxic to the soil environment.**
- 9.3C: **Harmful** to terrestrial vertebrates.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation Information on hazardous ingredients

Common name	CAS No	%
oxadiazon	19666-30-9	38%

4. FIRST-AID MEASURES

Description of necessary first aid measures: In case of poisoning by any exposure route contact the National Poisons and Hazardous Chemicals Information Centre, PO Box 913, Dunedin. **Phone 0800 764 766, (0800 POISON).**

First-aid measures

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Skin contact:

In case of contact, immediately flush skin with plenty of Water and soap. Remove contaminated clothing. Cold water may be used. Wash clothing before reuse. Get medical attention.

Eye contact:

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Get medical attention.

5. FIRE-FIGHTING MEASURES

HAZCHEM Code:

2X

Extinguishing media :

Water spray, extinguishing powder, foam, carbon dioxide.

Fire Hazard Properties:

Can give off carbon monoxides and nitrogen oxides in a fire.

Protection of fire-fighters:

Wear protective clothing and self contained breathing apparatus. Do not breathe smoke or gases.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Avoid contact with skin and eyes. Do not inhale spray. Wear long sleeved shirt, long pants, waterproof gloves and safety goggles or face shield. Do not eat, drink or smoke when using. Wash hands and face before meals and after work.

Environmental precautions:

Do NOT allow spilled product or wash solution to enter sewers, drains, dams, creeks or any other waterways.

Methods for cleaning up:

In the case of spillage, contain spilled material. Keep out animals and unprotected persons. Keep material out of streams and sewers. Vacuum or shovel waste into a drum. To decontaminate spill area, tools and equipment, wash with water. Dispose of drummed wastes in accordance with the

7. HANDLING AND STORAGE

Handling:	When mixing or applying, avoid breathing dust and contact with skin and eyes. Wear protective clothing, gloves and goggles. Do not eat or drink while using. Wash hands and face before meals and after work. Wash protective clothing after work.
Storage:	Store in original container tightly closed and in a locked, dry, cool, well ventilated area, away from feed, seeds and foodstuffs. Keep out of reach of children. Store in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409).
Packaging materials:	HDPE Plastic bottle.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures

Exposure control measures:	Ensure ventilation is adequate, generally natural ventilation is adequate.
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Personal Protective Equipment

Detail specifications for equipment:

Respiratory system:	Where insufficient ventilation, use suitable respiratory protection.
Skin and body:	When opening the container, preparing spray and using prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and goggles.
Hands:	Elbow-length and PVC gloves
Eyes:	Wear chemical goggles or face shield.
General hygiene:	Avoid inhaling aerosols and vapours. Avoid contact with eyes and skin. Store work clothes and street clothes separately. Wash hand before breaks and at the end of work. Change contaminated protective clothing. Keep away from food, drinks and tobacco.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid suspension
Colour:	Beige
Odour:	Almost odorless
pH:	4.0 – 5.0 (CIPAC MT 75.1)
Boiling Point:	Decomposes >90°C
Solubility:	Dispersible (20°C)
Specific gravity or density:	Approx. 1.12 (20°C) (refer to specific batch COA)
Flashpoint:	Non Flamable
Explosion properties:	Not an explosive
Oxidation properties:	Incompatible with oxidizing agents, acids and bases.

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of use.
Conditions to avoid:	Extreme heat.
Materials to avoid:	Strong oxidizers, mineral acids, strong acids.
Hazardous decomposition Products:	Nitrogen and carbon dioxides.
Hazardous reactions :	None expected.

11. TOXICOLOGICAL INFORMATION

Acute toxicity – Oral :	LD ₅₀ > 5,000 mg/kg (Rat)
Acute toxicity - Dermal :	LD ₅₀ > 2,000 mg/kg (Rat)
Acute toxicity – Inhalation	LC ₅₀ > 2.31 mg/litre (Rat 4h)
Skin irritation :	Slightly irritating (rabbit)
Eye irritation:	Mildly irritating (rabbit)
Sensitisation :	Non sensitising (guinea pig)

12. ECOLOGICAL INFORMATION

Toxicity to fish:	Very toxic to aquatic organisms LC ₅₀ = 1.2 mg/l ,96 hr (Rainbow trout, bluegill sunfish)
Toxicity to daphnia:	LC ₅₀ (48h) 2.4mg/l daphnia magna
Toxicity to algae:	EC ₅₀ 0.00318mg/l (96h)
Toxicity to birds:	LD ₅₀ 1.040mg/kg Mallard duck LD ₅₀ 2.150mg/kg Bobwhite quail

13. DISPOSAL CONSIDERATIONS

Methods of disposal :	Ideally, the product should be used for its intended purpose. If there is a need to dispose of the product, follow the recommendations in NZS 8409.
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CONTAINER DISPOSAL: Triple rinse container and add rinsate to spray tank. Dispose of cleaned container at your local AGRECOVERY container collection site.

14. TRANSPORT INFORMATION -International transport regulations

UN number:	3082
Class:	9
Packing Group:	III
Marine Pollutant:	Yes
Proper shipping name :	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (oxadiazon)
INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (oxadiazon)

15. REGULATORY INFORMATION

ACVM Registered Number:	P8398 (See www.foodsafety.govt.nz for registration Conditions).
HSNO Approval Code:	HSR100445 (See www.epa.govt.nz for controls).
Approved Handler:	This product must be under the personal control of an approved handler or secured.
Tracking:	Not required.

16. OTHER INFORMATION

Disclaimer EXCLUSION OF LIABILITY: PLEASE READ

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