

SAFETY DATA SHEET

BROWNDOWN[®] Zap-D Insecticide

Date of Issue: 10 December 2021

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Chemical name of active ingredient(s): Oxyfluorfen
 Recommended use: Additive
 Supplier: UPL New Zealand Limited
 PO Box 51584, Pakuranga
 Auckland
 Phone 0800 100 325
 www.upl-ltd.com/nz

Emergency telephone number: 0800 CHEM CALL (0800 243 622) 24 Hours

2. HAZARDS IDENTIFICATION



Hazard Classification: 6.3B, 6.9B, 8.3A, 9.1B, 9.2B

Required identification Details:

DANGER:

Keep out of the reach of children.
 Read label carefully before use.

May cause mild skin irritation.
 May cause damage to the liver through prolonged or repeated exposure.
 Causes serious eye damage.
 Toxic to aquatic life.
 Toxic to the soil environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation Information on hazardous ingredients

Common name	CAS No	%
Oxyfluorfen	42874-03-3	4
alcium dodecylbenzene sulphonate	26264-06-2	3 – 10%
Poly(oxy-1,2-ethanediyl), a-undecyl- hydroxy-1-methyl-2-pyrrolidone	34398-01-1	3 – 10%

4. FIRST-AID MEASURES

Description of necessary first aid measures:

General information:

First-aid measures

Inhalation:	Move to fresh air. Apply artificial respiration if necessary. If symptoms persist, call a doctor.
Ingestion:	DO NOT induce vomiting. Give a glass or two of water. Rinse mouth. Contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. Never give anything by mouth to an unconscious person.
Skin contact:	Remove contaminated clothing. Wash with plenty of soap and water.
Eye contact:	Immediately flush with water for 15 minutes. If irritation persists see a doctor.
First Aid Facilities:	
Notes to a physician:	Treat symptomatically

5. FIRE-FIGHTING MEASURES

HAZCHEM Code:	3Z
Fire/Explosion Hazard:	
ERP Guide No:	
Extinguishing media:	Carbon dioxide, dry chemical, foam.
Hazardous thermal (de)composition products:	Carbon monoxide, carbon dioxide, nitrogen oxides and sulphur oxides.
Specific methods:	
Protection of fire-fighters:	Wear full protective clothing and self contained breathing apparatus. Do not breathe smoke or gases-
Other Information:	

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Wear protective clothing and personal protective equipment as described in section 8. Keep unprotected persons and animals out of the area.
Environmental precautions:	Keep material out of lakes, streams, ponds and sewer drains.
Methods for cleaning up:	Dike to confine spill and absorb with inert absorbent materials such as clay, sand or soil. Shovel or pump waste into a drum and label contents for disposal. Do not touch or walk through spilled material. Wear the protective equipment recommended above. Stop leak when safe to do so. Dike area and prevent entry into waterways, and drains. <u>Small spills/leaks:</u> Absorb with material such as sand, soil or sawdust. Collect spilled product and place in sealable container for disposal. Spill residues may be cleaned using water and detergent. Contain and absorb wash water for disposal. Absorb and collect washings and place in the same sealable container for disposal. <u>Large spills/leaks:</u> dike the area of large spills and report them to 0800 CHEMCALL.

7. HANDLING AND STORAGE

Handling:	Avoid contact with eyes and skin. Do not handle material near food, feed or drinking water. Keep out of reach of children.
Safe 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 direct sunlight. Storage must be generally in accordance with NZS8409 Management of Agrichemicals. See the HAZNOTE for further information.

Record Keeping:
Approved Handler:
Tracking:
Packaging materials: HDPE Plastic – 10 Litres

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace Exposure Guidelines

Tolerable Exposure limit:

Exposure Standards: Not established

Exposure Standards outside the workplace: Not established

Engineering measures

Exposure control measures: Provide general and/or local ventilation to control airborne levels.

Personal Protective Equipment

Detail specifications for equipment:

Respiratory system:

None required if airborne concentrations are limited.

Skin and body:

When mixing or applying, wear protective clothing.

Hands:

Use gloves chemically resistant (e.g. nitrile or neoprene) when prolonged or frequently repeated contact could occur.

Eyes:

Use safety glasses.

General hygiene:

Do not eat, drink or smoke when using. Wash hands and face before meals and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Colour, Odour.

Liquid.

pH:

Unknown

Vapour Pressure:

Not available

Boiling Point:

Not available

Flash Point:

Freezing/Melting point:

Not available

Solubility in water:

Not available

Specific gravity or density:

0.89

Bulk density:

Flammable limits:

Flashpoint:

>120°C PMCC

Octanol/water partition coefficient:

Not available

Explosive Properties:

Not explosive

Oxidation Properties:

Not an oxidizer

Other:

10. STABILITY AND REACTIVITY

Stability:

Stable under normal conditions

Conditions to avoid:

Materials to avoid:

Hazardous Decomposition

Carbon dioxide, nitrogen oxides, oxides of phosphorous and sulphur oxides

Products:

Hazardous polymerization:

Not known

Hazardous Reactions:

None known

11. TOXICOLOGICAL INFORMATION

Acute toxicity – Oral:

Estimated LD₅₀ >5000 mg/kg

Acute toxicity - Dermal:

Estimated LD₅₀ >5000mg/kg

Acute toxicity – Inhalation: Not established
Inhalation and Ingestion:
Skin irritation: Irritating
Eye irritation: Corrosive
Respiratory Sensitization:
Sensitization: Not classified
Mutagenic Effects:
Carcinogenic Effects:

Chronic toxicity

Reproductive Effects: Not classified
Mutagenicity: Not classified
Carcinogenicity: Not classified
Systemic Effects: Harmful to the liver in large doses.

12. ECOLOGICAL INFORMATION

Acute Toxicity: Toxic to aquatic organisms.

Fish:
Daphnia:
Bees:
Birds:
Soil:

Toxic to soil organisms.

Partition Co-efficient (Kow):
Environmental Exposure Limit:

13. DISPOSAL CONSIDERATIONS

Methods of disposal: Ensure unwanted product is used by another operator strictly in accordance with label directions.

Empty container precautions: Ensure container is completely empty. Triple rinse with soap and water. Recycle through the Agrecovery™ programme. If this is not possible, bury in landfill.



14. TRANSPORT INFORMATION - International transport regulations

UN number: 3082

Hazchem

Classification Code: 9
Packing Group: III
Marine Pollutant: Yes
Proper shipping name: Environmentally hazardous substance, liquid, N.O.S.(Oxyfluorfen)

MTQ (non-Commercial):
Passenger Service Vehicle:

15. REGULATORY INFORMATION

ACVM Registered Number:
HSNO Approval Code:

HSR002503

16. OTHER INFORMATION

Additional information:

Original Issue Date: 4 March 2019
Revision Date: 13 December 2021
Replaces: ES499

Disclaimer EXCLUSION OF LIABILITY: PLEASE READ

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