

EZFLO BORE CLEAN

Automated Bore Stain Treatment System

*Clean water.
Clean pipes.*

COMPLETE
SOLUTION



KEEPS YOUR RETIC PIPES CLEAN

Flushing out iron so what's left in your pipes and walls is clean water – not iron dropping out.



PureVision
Long Distance
Controller

Wi-Fi +
Bluetooth
(Wi-Fi option
sold separately)



Tube valve
for Ezflo
control
For bore
systems



15L Ezflo
Bore Cleanse

Treatment
solution
(3 x 5L)

HOW IT WORKS

1



Automatically doses Ezflo Bore Cleanse
for 3 minutes.

Just enough to fill your entire reticulation
system with treated water.

2



Bore Cleanse keeps iron in solution
and flushes it through the system.

Iron stays in solution and doesn't
stick to your pipes and walls.

3



All your retic pipes and walls stay clean,
so what's left is clean water –
not iron dropping out.



EZ-OPEN PZRM 111

EZ-OPEN PZRM PRO 115



PROTECT YOUR
PROPERTY



SAVE TIME
& WATER



SAFE &
GARDEN FRIENDLY

Residential Retic Fertiliser Systems

Operating pressure: minimum 5 psi (35 kPa) to maximum 80 psi (550 kPa)

Large Residential System

Suitable for areas ranging from 500m² to 5000m²

EZ-KIT-3

Main-line System with Fill Port

The drain valve and fill port provide access for refilling the system without the need to move the tank or disconnect any hoses.

Dimensions: 27 cm Height x 25 cm Diameter x 56cm Length

Additive capacity: 9.6 Litres (liquid) / 7–8kg (water-soluble)

Additional Features: Ability to use most liquids or water-soluble concentrates.

Required accessories: A ball valve coupling adapter (CBV) to suit your irrigation mains size.

CBV: 50mm size - for 50mm, 40mm and 32mm mainlines
25mm size - for 25mm and 20mm mainlines.

EZ-FLO - 9.6L - EZKIT Fertiliser Injection System with fill cap & drain



How it Works

9.6L Cap settings	Retic water used to empty fertiliser
Slow setting at 15.000:1	144,000 litres
One setting at 8.000:1	76,800 litres
Two setting at 2.000:1	19,200 litres
Fast setting at 400:1	3,840 litres



Ezee Bore Cleanse

Is it a filter?

No, lots of folks call the Ezee bore cleanse an iron filter but technically, its not. Doesn't really matter though, as it works really well at stopping bore stain on property and garden walls.

So, What is the Ezee bore cleanse?

The bore cleanse is a metered micro dosing machine that injects a minute amount of complexing agent into the bore water.

What's a complexing agent?

Also called a coordination compound this is a compound in which independently existing molecules or ions of a non metal (complexing agent) form coordinate bonds with a metal atom or ion. So, metal ions remain in solution but exhibit diminished reactivity.

What's that mean in English?

The iron dissolved in solution will now stay in solution rather than rusting out. When it rusts out you get stain so delaying this process keeps your walls clean.

Does it work?

Certainly does, there are hundreds of units in around WA working happily away for over a decade. And in the end, its just chemistry which is VERY reliable.

Is it safe?

Yes! But even so, we want you to take due care when handling chemicals of any kind from any source. So, don't drink it, don't rub or splash it in your eyes and don't bath in it. Just use the Ezee bore cleanse as directed and you will be fine.

Is it safe for my garden?

Yes! Years of extensive testing have proven the safety of the Ezee bore cleanse treatment solution with Perth gardens.

What if I have Problems?

The usual reasons for stain returning are: it's run out of treatment solution, or occasionally there's been an increase in the iron levels in the ground water. All are easily fixed and covered in detail in the instructions supplied with every unit.



Products

For Ezflo fertigation.

shaun@ecoedgeretic.com.au

Ezee Bore Cleanse

Style iron stain mitigation systems.

Application rate at 15000 to 1 setting on the Ezflo unit. "Slow"

If stains starts to return, simply increase the amount used.

Speak to your installer for further information on your

Individual requirements and servicing.

Active ingredient:

1- Hydroxyethylidene-1,

1 – Diphosphonic Acid.

CAUTION

keep out of reach of children. Avoid contact
with eyes and skin. In case of contact with
eyes, rinse immediately with plenty of water
and seek medical advice.

Smart Irrigation PURE VISION 2.0



Pure Vision is the rechargeable and remotely manageable valve box controller of the Vision™ system. The battery is kept charged at all times by solar power or water from the system itself, thanks to the Vision Luce and Vision Turbine recharging systems, reducing maintenance costs and use of environmentally harmful waste such as alkaline batteries. It is conveniently programmed from a smartphone, PC or tablet via the Vision App, choosing between standard or advanced programming as needed. Ideal for monitoring irrigation anywhere, anytime.



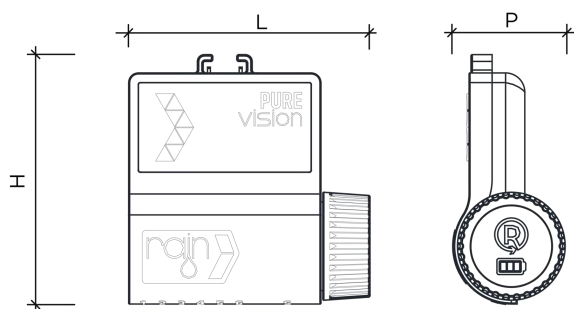
Technical Features

- Controller type: Valve-box
- IP68 watertight (submersible)
- Power supply: 18650 rechargeable lithium battery - 2,000 mAh 3.7V
- Recharging mode: Via USB cable
- Bluetooth 5.0 connection
- Internet connection: Via Nuvola WiFi Vision
- Rain sensor input
- Pump/master valve control outlet
- Removable control unit
- Low battery signal
- Maximum number of zones: 6
- Models available: 1, 2, 4 and 6 zones

Programming Features

- EASY mode: via Rain Vision App
- PRO mode: via Rain Vision App
- ONE-BY-ONE mode: via Rain Vision App

Codice	Name	Model
200.2150000	PURE VISION	1 ZONE
200.2250000	PURE VISION	2 ZONES
200.2450000	PURE VISION	4 ZONES
200.2650000	PURE VISION	6 ZONES



Modello	H	P	L
Pure Vision 2.0	12,9 cm	5,8 cm	12,5 cm



EASY mode

The EASY programming mode is designed for the management of balconies and small gardens, and can be approached by everyone.

Programming allows irrigation to be managed with two programmes and one start time per programme, the watering frequency can be set from once every 6 hours per programme (a total of 8 times per day) to a minimum of once every 15 days.



PRO Mode

The PRO programming mode is designed for more technical applications such as seeding and rolling lawns.

The high number of starts (6 starts per programme) allows the irrigation installer and maintainer to manage large systems with ease.



ONE-BY-ONE mode

The ONE-BY-ONE programming mode allows for totally elastic irrigation scheduling, designed to manage each individual solenoid valve independently.

This programming mode allows you to enter the start time and watering frequency for each individual solenoid valve.



Bluetooth 5.0

The Bluetooth 5.0 data transmission technology built into the controllers enables the programming via the Vision App directly on your smartphone, or Webapp on your computer, when using a Nuvola Vision device.



Internet Access

The controller is Internet-ready via the Nuvola Vision hubs. The controller will connect via Bluetooth to the Nuvola device, and the irrigation system will be accessible and manageable via Wi-Fi or cellular network.



Recharge

The lithium battery supplied with the controllers can be recharged by the Vision Turbine, Luce solar panel and Docking station devices. By integrating one of these devices, the irrigation system becomes energetically independent, and it will no longer be necessary to replace the batteries.



Vision App

The Vision app is available on Google Play and App Store for smartphones and tablets.



Solenoid 9 Vdc

Battery-operated controllers control 9Vdc latching solenoids. The control unit will send an electrical signal at the start of irrigation to open the solenoid valve and a signal at the end of irrigation to close the solenoid valve.

EzFlo Bore Cleanse Pure

Installation & Operating Guide

Overview

The EZFLO Bore Clean system automatically doses EZEE Bore Cleanse during the final 3 Minutes of each irrigation cycle. This leaves the reticulation full of treated water, helping keep dissolved iron in solution instead of allowing it to drop out inside pipes, valves and sprinklers.

Package Contents

EZFLO 9.6L dosing tank

Tube E/Valve for EZFLO Control

15L EZEE Bore Cleanse

Tubing and fittings

Pure Vision

Valve boxes

Installation

1. Install the EZFLO beside the irrigation manifold.
2. Connect the BLACK tube from the Tube Valve to the EZFLO inlet.
3. Connect the CLEAR tube from the EZFLO outlet to the E/Valve.
4. From the E/Valve, connect to the supplied CBV adaptor fitted into the irrigation mainline.
5. When the E/Valve opens, EZEE Bore Cleanse flows through the CLEAR tube and is injected Via the CBV adaptor into the mainline.
6. Fill the tank completely with EZEE Bore Cleanse.
7. Set the cap to SLOW (15,000:1).
8. Open both tube valves.

Programming

Run your normal irrigation program, then create a second program that runs all stations for approximately 3 minutes each. Operate the Tube Valve or optional PureVision controller during this final cycle only.

How It Works

Water enters the EZFLO through the BLACK tube, displacing a metered amount of EZEE Bore Cleanse through the CLEAR tube to the E/Valve. When the E/Valve opens, the treatment is Injected into the supplied CBV adaptor into the irrigation mainline.

The final 3-minute dosing cycle

Leaves the irrigation system full of treated water, helping keep dissolved iron in solution and reducing iron deposits inside pipes, valves and sprinklers.

Refilling

(8 to 10 weeks) or earlier if iron appears.

1. Turn OFF both tube valves.
2. Drain the tank.
3. Refit the drain plug.
4. Fill completely with EZEE Bore Cleanse.
5. Fit the cap hand tight.
6. Turn both tube valves back ON.

[Click Pics to videos](#)



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Chemical nature: Water solution of ingredients

PRODUCT NAME: Ezee Bore Cleanse

PRODUCT USE: SEQUESTERING AGENT, WATER CONDITIONING AGENT.

SUPPLIER NAME: Ezflo Injection Australia

ADDRESS: 91 Canning Hwy, Fremantle, 6156

TELEPHONE: 0487240338 (ALL HOURS)

info@ezflo.com.au

Creation date: 2nd January 2026

2. HAZARDS IDENTIFICATION

This product is classified as: Xn. Harmful. Xi – Irritating Classified as hazardous according to the criteria of NOHSC

Not classified as a dangerous good according to the criteria of ADG Code (see section 14).

Not classified as schedule poison according to the criteria of SUSDP (see section 15)

RISK PHRASES:

R21/22 Harmful in contact with skin and if swallowed

R38 Irritating to skin

R41 Risk of serious damage to eyes

SAFETY PHRASES:

S1/2 – Keep out of reach of children.

S24/25 – Avoid contact with eyes and skin.

S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 – Wear suitable protective clothing, gloves and eye/face protection.

S45 – In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible).

SUSMP CLASSIFICATION: S5

ADG CLASSIFICATION: None allocated, not a dangerous good under the ADG code

UN Number: None allocated

The information contained in this MSDS is specific to the product when handled and used as neat. When diluted it may not require the same control measures as the neat product.

Check with your technical representative if in doubt.

3. COMPOSITION / INFORMATION ON INGREDIENTS

*The ingredients below are **not considered either hazardous, dangerous goods or poison scheduled** according to the criteria of NOHSC, ADG Code and SUSDP (respectively) at the levels used in the product. Minor quantities of other non-hazardous ingredients such as sequestering and chelating agents are possible.*

INGREDIENT CAS No. Conc. (w/w) TWA(mg/m³) STEL(mg/m³)

1-Hydroxyethylidene-1,

1-Diphosphonic Acid;

Monosodium salt 2809-21-4 <4.8% not set not set

Non DG organic

surfactants Proprietary 10-20% not set not set

MATERIAL SAFETY DATA SHEET

4. FIRST AID MEASURES

INGESTION: If swallowed, do NOT induce vomiting. If conscious, rinse out mouth with water and give water to drink. Never give anything by mouth to an unconscious person. Seek medical advice.

EYE CONTACT: If in eyes, hold eyelids apart and flush the eye continuously with running water for at least 15 minutes, lifting lower and upper eyelids occasionally. Take special care if affected person is wearing contact lenses and seek medical advice.

SKIN CONTACT: Wash gently and thoroughly with water and non-abrasive soap for 10-20 minutes or until product is removed. Any contaminated clothing or personal items should also be rinsed under running water.

INHALATION: No first aid measures normally required. If you believe irritation from inhalation has developed remove to fresh air and observe. If irritation continues to become worse seek medical advice.

5. FIRE FIGHTING METHODS

SUITABLE EXTINGUISHING MEDIA: Not combustible, however, if material is involved in a fire use: Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

HAZARDS FROM COMBUSTION: Non-combustible product. No risk of explosion. Fire decomposition products from this product would only be mildly irritating.

PRECAUTIONS FOR FIRE FIGHTERS AND SPECIAL PROTECTIVE EQUIPMENT: None.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures: Clear area of all unprotected personnel. If contamination of sewers or waterways has occurred advise local emergency services.

Methods and materials for containment and clean up: Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Work up wind or increase ventilation.

Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material).

Neutralise with lime or soda ash. Collect and seal in properly labelled containers or drums for disposal. Wash area down with excess water.

7. HANDLING AND STORAGE

Conditions for safe storage: Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

Precautions for safe handling: Avoid skin and eye contact and breathing in vapour, mists and aerosols.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

No value assigned for this specific material by the National Occupational Health and Safety Commission.

Engineering controls:

Use in well ventilated areas. If inhalation risk exists: Use with local exhaust ventilation or while wearing suitable mist respirator. Keep containers closed when not in use.

Personal Protective Equipment: OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES

Usually no respirator is required when using this product. The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

MATERIAL SAFETY DATA SHEET

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical state: Liquid

Colour: cloudy

Odour: Mild

Solubility: Completely soluble in water

Specific Gravity: 1.1

Relative Vapour Density (air=1): no data

Vapour Pressure (20 °C): 2.37 kPa

Flash Point (°C): Not applicable does not burn

Flammability Limits (%): Not applicable, does not burn

Autoignition Temperature (°C): Not applicable, does not burn

Boiling Point/Range (°C): 100

Decomposition Point (°C): >200

pH: 2 approximately

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of use. The shelf life is 2 years.

Conditions to avoid: Avoid temperatures above 200 °C.

Incompatible materials: Incompatible with strong oxidising agents.

Hazardous decomposition products: Oxides of carbon.

Hazardous reactions: Hazardous polymerisation will not occur.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label.

Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

ACUTE EFFECTS INGESTION: Irritation to the gastrointestinal tract. Symptoms may include nausea, vomiting and diarrhoea. Extremely large oral dosages may produce gastrointestinal disturbances. Calcium deficiency in blood may result in severe cases of ingestion.

EYE CONTACT: Highly irritating to the eyes, will cause tearing, stinging, blurred vision and redness.

SKIN CONTACT: Causes irritation to skin. Symptoms include redness, itching, and pain.

INHALATION: Could cause irritation to the respiratory tract.

LONG TERM EFFECTS: Chronic or heavy acute ingestion may cause tooth enamel erosion. Prolonged or repeated skin contact may cause defatting leading to dermatitis

12. ECOLOGICAL INFORMATION

ECOTOXICITY: This product is fully and rapidly biodegradable.

PERSISTENCE AND DEGRADABILITY: Nil

Avoid contaminating waterways, drains and sewers. It has low potential to affect aquatic organisms, secondary waste treatment microorganisms and the germination and growth of some plants. When diluted with a large amount of water, this chemical released directly or indirectly into the environment is not expected to have a significant impact.

13. DISPOSAL CONSIDERATIONS

Empty containers should be forwarded to the distributor, manufacturer or an approved agent for recycling.

Incineration of the product is not recommended, as it is unlikely to adequately burn.

MATERIAL SAFETY DATA SHEET

14. TRANSPORT INFORMATION

UN NUMBER: NONE

UN PROPER SHIPPING NAME: NONE

CLASS AND SUBSIDIARY RISK(S): NONE

PACKAGING GROUP: NONE

STOWAGE AND SEGREGATION: NONE

Road/Rail

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

MARINE TRANSPORT:

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT:

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) for transport by air.

15. REGULATORY INFORMATION

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

This MSDS contains only safety information, for other data see product literature

This MSDS has been prepared from current technical data and summarises at the date of issue our best knowledge of the health and safety information of the product, and in particular how to safely handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

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End of MSDS