

# Removes iron build-up in bores and pumps



Reduces blockages, iron deposits,  
and restores flow from bores

# BoreSafe™

Iron Build-up Bore & Pump Cleaner

An iron deposit and build up remover designed for bores and pumps.

Unfortunately, in a lot of bore water there is a high level of iron that builds up in the bore and also the associated pumps and pipework. Symptoms are a rusty looking slime blocking your pipework, unpleasant odours, orange-brown staining and/or deposits. This reduces the flow of water out of the bore putting unnecessary strain on the pump and reducing its lifespan considerably.

The iron in the water causing these flow issues means increased pump maintenance costs and downtime, increased power usage and obviously the reduced flow means any irrigation system is not as effective and pipework and sprinklers down stream get blocked up.

Puretec BoreSafe is a safe, easy to apply biodegradable chemical designed specifically to

BoreSafe is available in 5, 10 and 20 Kg containers

break down the iron build-up in the bore itself, the bore pump and pipework. BoreSafe breaks down the iron so that the water can flow freely again and it reduces the strain that blockages can put on your pump.

Do I need BoreSafe in a new bore?

If you have a bore with any iron in the water you should use BoreSafe regardless of whether it is an old or newly established bore. A new bore just needs a maintenance dose to ensure you minimise any build up preserving your pump, reducing build up in the pipework and saving electricity.



## Iron Build-up Bore & Pump Cleaner

Use Puretec BoreSafe to save money, hassle and downtime!

### INSTRUCTIONS FOR BORE TREATMENT

Calculating the amount of BoreSafe required

1. Calculate the depth of water in the bore:

Total bore depth (metres) \_\_\_\_\_ minus depth from the ground to the water level (metres) \_\_\_\_\_ equals \_\_\_\_\_.

Example:

Depth of water. i.e bore hole is 100m deep, the water level is 40m from the surface – water depth is 60m.

2. Ascertain whether you require standard or a shock dose:

- Standard Dose – A regular maintenance dose when cleaning a bore regularly within 12 month periods
- Shock Dose – Required when the bore hasn't been cleaned for long periods and has solidified iron build up

3. Check the dosage guide (please note this is a guide only) for the dosage required for the diameter of the bore and multiply that by the depth of water in the bore.



#### AMOUNT OF BORESAFE REQUIRED PER METRE OF WATER

| Bore diameter | Standard Dose | Shock Dose |
|---------------|---------------|------------|
| 50 mm         | 95 grams      | 115 grams  |
| 80 mm         | 245 grams     | 300 grams  |
| 100 mm        | 385 grams     | 470 grams  |
| 125 mm        | 600 grams     | 735 grams  |
| 150 mm        | 875 grams     | 1.06 kg.   |
| 200 mm        | 1.55 kg.      | 1.88 kg.   |
| 250 mm        | 2.43 kg.      | 2.95 kg.   |
| 300 mm        | 3.50 kg.      | 4.24 kg.   |
| 252 mm        | 4.77 kg.      | 5.77 kg.   |
| 400 mm        | 6.23 kg.      | 7.54 kg.   |
| 450 mm        | 7.88 kg.      | 9.54 kg.   |
| 500 mm        | 9.73 kg.      | 11.78 kg.  |

**STORAGE:** Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials. Store away from sources of heat and/or ignition. Store locked up. Keep container standing upright position. Keep containers closed when not in use - check regularly for spills.

### HOW IS BORESAFE APPLIED TO THE BORE

1. Check the pH of your water (non-critical step)
2. Dissolve the required amount of BoreSafe in a bucket(s) of water. For every kg of BoreSafe add 10 litres of water.
3. Divert the discharge of the bore pipework back down the bore so the system recirculates (ensure this is done within the specs of the pump).
4. While the system is recirculating pour the dissolved BoreSafe down the bore. Leave the system recirculating for 6-8 hours, the water may change to a green colour.
5. Flush the system by moving the discharge of the bore water so that the drains away from the bore (BoreSafe is biodegradable - however avoid foliage that could be damaged and areas that could be stained)
6. To check all the BoreSafe has been flushed get a cup of 100 ml of the bore water and put 10 drops of the solution provided a 5 minutes delay. If the water goes purple the water is sufficiently flushed. If it stays clear more flushing is required.

#### SAFETY DIRECTIONS

Read label before use. Do not breathe dust, fume, gas, mist, vapors or spray. Wash hands, face and all exposed skin thoroughly after handling. Wear protective clothing, gloves, eye/face protection and suitable respirator/dust mask.

**FIRST AID:** If poisoning occurs, contact a doctor or Poisons Information Centre (AU 131 126, NZ 0800 764 766) If medical advice is needed, have product container at hand.

**INHALATION:** Remove victim from exposure. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position. Keep at rest until fully recovered. Seek medical advice if effects persist.

**SKIN CONTACT:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance. For skin burns or skin irritation, cover with a clean, dry dressing until medical help is available.

**EYE CONTACT:** Immediately irrigate with copious quantities of water for 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.

**INGESTION:** Rinse mouth with water. If swallowed, DO NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZ55433: Transport of Dangerous Goods on Land".



Puretec water care products are designed, manufactured and supported by Puretec Pty Ltd the name you can trust for viable and proven water solutions. The complete range of Puretec products are developed, refined, made to meet and exceed stringent specifications for the worldwide market.

**Important Note:** Sales of products are subject to our Terms and Conditions which are available upon request. All specifications, information and photos are used as a guide only and are subject to change without notice. Please ring to confirm details. **Warning:** For correct operation it is essential to observe manufacturer's instructions.

**Caution:** Do not breathe dust, fume, gas, mist, vapours or spray. Read safety directions before use. keep out of reach of children. Not classified as Dangerous Goods. Copyright © Puretec Pty Ltd 2020.

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