

### OXY PLUS USER'S GUIDE



### FOR YOUR REFERENCE

1 imperial gallon = 4.5 Litres (5,000 gallon tank = 22,700 litres)

1 litre (L) = 1,000 millilitres (ml)

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### **IMPORTANT SAFETY INFORMATION**

For full safety information consult product MSDS.



POISON: Keep out of reach of children.

- ! Wear skin and eye protection when using this product.
- ! In case of accidental spilling, wash affected area with plenty of fresh water. Hold eyes open if necessary. Remove contaminated clothing and wash before reuse.
- ! If swallowed, do not induce vomiting. Give water or milk. SEEK IMMEDIATE **MEDICAL ATTENTION.**

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### **USES FOR OXY-PLUS**

Effective sanitation and control of waterborne pathogens also ensures clean, oxygen rich water.

### **BENEFITS**

Controls bacteria and fungi Non toxic Enriches water with oxygen No chemical odour or taste Can be used to wash finished produce

### **DESCRIPTION**

Form Clear Liquid
Biodegradable Yes
Hydrogen Peroxide 50%
Colloidal Silver <0.0845%
Deionised Water 49.9%

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### **DIRECTIONS FOR USE**

### Water Quality (Maintenance) 20ppm-35ppm

- Dosage dependant on clarity of the water present and also the water temperature.
- Dosage may need to be increased if the water is heavily contaminated or if summer temperatures are high.

## Pipe Cleaning (Shock Dose) 150ppm -200ppm

- After initial dosing the pipe linings will have been scoured of grime build-up and pathogen growth.
- Therefore it is necessary to dispose of the treated water following shock dosing before maintenance dose.

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### cont. DIRECTIONS FOR USE

### Produce Sanitising (Washing) 150ppm –200ppm

- Add OxyPlus to clean water in rinsing tank and immerse produce for a minimum of 15 minutes.
- Produce can be packed without rinsing, as there is no residual chemical taste or odour.
- Preparation benches and implements can be washed using *OxyPlus* at 50 ppm.

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# ABOUT DOSING WITH OXY PLUS

**Oxy Plus** requires good mixing when put into large volumes of water. Recirculate water through a pump back into tank for 15 minutes or stir with a large clean paddle or board.

If water is particularly turbid or cloudy, it should be filtered first so that the *Oxy Plus* solution will not become exhausted through oxidising the organic matter rather than disinfecting bacteria.

Oxy Plus is <u>not</u> designed as a "full time" disinfectant. NEVER dose more frequently than weekly. Seek more permanent disinfection solutions for any on-going biological problems.

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DOSING GUIDE			
ZE Approx. Litre	20ppm DOSE OXYPLUS	35ppm DOSE OXYPLUS	150ppm DOSE OXYPLUS
1650	35	60	250
2500	50	90	400
4400	90	150	700
8500	170	300	1300
13600	270	480	2000
	1		l

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TANK SIZE

Imperial Gallon

### **DOSAGE REFERENCE**

20ppm = 20ml of *Oxy Plus* to 1,000 litres of water

35ppm = 35ml of *Oxy Plus* to 1,000 litres of water

e.g. To dose a full 22,700 litre (5,000 gallon) tank at 35ppm, add 800ml of OxyPlus (35ml x 22.7).

### **TANK VOLUME GUIDE**

(Measure=metres / volume=litres)

### **Square Tank**

Volume=length x width x depth of water x 1000

#### **Circular Tank**

Volume = diameter x diameter x depth of water x 785

e.g. Circular tank with a diameter of 1.4 m and a water depth of 1m = 1.4 x 1.4 x 1.4 x 785=1,500 litres

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## ROUTINE & SHOCK DOSING RATES FOR OXY PLUS

(in parts per million or ppm)

### Routine Disinfection (Clean stored water)

• Dose to 20ppm of *Oxy Plus* solution

### **Contaminated Water**

If contamination is known to have occurred (test evidence and/or humans with physical symptoms) or if water clarity is suspect (looks cloudy or has minute particles floating in it), the following dosage is recommended.

Dose to 35ppm of *Oxy Plus* solution

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### **Shock Dose**

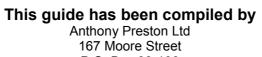
Use a shock dose after cleaning storage tanks, for cleaning bio-fouling (bio-film) or for disinfecting after plumbing work or when new pipes are installed.

Dose to 150 – 200 ppm of *Oxy Plus* solution

Make sure solution is drawn into pipes. Leave as long as possible and then flush thoroughly.

IMPORTANT: DO NOT DRINK FROM THIS CONCENTRATION.

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