microlene
pure water

TD

Microlene Acquasafe Tankwater Treatment

Model Number: AS-1, AS-5, AS-25, AS-TS*20

Pack Sizes

1 litre bottle – AS-1
5 litre bottle – AS-5
25 litre bottle – AS-25
Test strips – 20 pack – AS-TS*20

Applications

Acquasafe makes water safer by destroying virtually all bacteria and virus, leaving tank water clean enough to drink.

Test Strips

Benefits of Microlene's Acquasafe Tankwater Treatment

Rainwater starts out clean, bacteria and virus free, but as soon as it hits a collecting surface like a roof top, dangerous bacteria can enter the water. Animal and bird droppings, dust, dirt and decaying vegetable matter like leaves can contaminate tank water. Each of these sources of contamination can lead to dangerous bacteria entering your water supply, like E.Coli and streptococci.

Acquasafe uses patented technology to kill the bacteria and viruses that are harmful to people and animals and protects your tank from recontamination for up to two months.

Acquasafe is completely non-toxic and safe to use around your family. Unlike chlorine which has carcinogenic by products, Acquasafe breaks down into oxygen and water.

The main ingredient of Acquasafe is hydrogen peroxide and is listed in the Australian Drinking Water Guidelines for the purpose of treating drinking water. Microlene Acquasafe uses a stabilising agent to ensure longevity of the formula.

Acquasafe is Effective

- Over 170 extensive tests conducted worldwide have proven Acquasafe kills over 60 different germs, bacteria, viruses, amoeba, biofilms and other pathogens
- Acquasafe oxidizes all germs immediately and then leaves a residual to ensure the water stays clean
- For added protection against protozoan cysts like giardia and cryptosporidium it is recommended to use one micron depth filtration in conjunction with Acquasafe for general disinfection

Longer Lasting, Better Than Chlorine

- Protects water for up to two months under normal conditions, which means clean water for longer
- Chlorine based disinfectants will only disinfect your water for at most a couple of days
- Chlorine leaves no residual and water is therefore susceptible to recontamination
- Chlorine leaves an offensive taste and smell
- Acquasafe reduces the frequency of dosing and monitoring with test strips will ensure water remains safe
- Long lasting action ensures water is disinfected to the point of use

Cost Effective

- One litre of Acquasafe can protect 15,000L of water from contamination for up to two months
- A single drop of Acquasafe can sanitise almost 4½ glasses of water!
- Therefore the cost of protecting your water with Acquasafe is very low

Microlene Acquasafe

Environmentally and Family Safe

- Acquasafe safely sanitises water and in doing so breaks down into oxygen and water
- Some alternative sanitisers leave harmful chemical residues while others even leave known carcinogens in water supplies

Improves Water Quality

- Studies have indicated out of 41 household water tanks tested, 29% had the presence of coliform bacteria and 15% registered a presence of E. Coli. Australian Drinking Water Guidelines specify this value should be zero to be deemed safe for consumption
- Acquasafe assists by helping to destroy bacteria and viruses

Improves Health

- Acquasafe in diluted form is safe to drink and will help to manage bacteria present in water that can be responsible for stomach upsets
- Ongoing monitoring of the tank water supply will help to keep water borne illness at bay

Improves Water Taste

- Acquasafe is safe and leaves no colour, odour or taste making it a suitable product for use in drinking water supplies
- Water will be cleaner without the side effects of alternative disinfectants such as chlorine taste and odour
- Acquasafe kills the bacteria responsible for bad tasting and smelly water

For standard rainwater, follow the guidelines in the table.

For other water sources or extremely dirty tankwater, other preventative action may be required. Please see your local Davey Dealer.

STANDARD DOSAGE – 24hr Contact Time	
Volume of Water to be Treated	**Required Dosage of Acquasafe**
1,000 litres	67 ml
5,000 litres	333 ml
10,000 litres	666 ml
15,000 litres	1 litre
30,000 litres	2 litres
45,000 litres	3 litres
60,000 litres	4 litres
75,000 litres	5 litres
150,000 litres	10 litres
300,000 litres	20 litres
375,000 litres	25 litres

Alternative Dosage (Urgent use):

- 1 litre per 7,500 litres* – required contact time 2 hours
- 1 litre per 5,000 litres* – required contact time 40 minutes

Increasing the concentration of Acquasafe is a safe way to disinfect water quickly. Doses exceeding 1 litre per 5,000 litres are not recommended

*Well within Australian Drinking Water Guidelines.

microlene.com.au | microlene.co.nz

This literature is not a complete guide to product usage. All images provided in this document are for illustration purposes only. Further information is available from your Davey Dealer, Davey Support Centre and from the relevant product Installation and Operating Instructions. Must be read in conjunction with the relevant product Installation and Operating Instructions and all applicable statutory requirements. Product specifications may change without notice. ® Davey and Microlene are registered trademarks of Davey Water Products Pty Ltd. © Davey Water Products Pty Ltd 2017.

DWP0724-3/0817