

# DAVEY ACQUASAFE

## TANKWATER PURIFIER

Model Numbers: **AS-1, AS-5 & AS-25**

DEPEND ON  
**DAVEY**

**WATER PRODUCTS**



## WATER HARVESTING & TREATMENT

### PRODUCT DESCRIPTION

Acquasafe® is a tasteless, odourless, chlorine free liquid designed specifically for tankwater disinfection.

### APPLICATIONS

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

Acquasafe test strips help to ensure tankwater remains safer.

### FEATURES & BENEFITS

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 & animals and protects your tank from recontamination for up to two months.

Acquasafe is completely non-toxic and safe to use around your family. While most chemicals used for water disinfection are toxic (some are even known carcinogens), Acquasafe breaks down into oxygen and water.

Acquasafe has been tested and endorsed in Australia for use in water treatment by the National Health & Medical Research Council and the various state & territory Health Departments.

### STANDARD DOSAGE CHART 24hr contact time

VOLUME OF WATER TO BE TREATED	REQUIRED DOSAGE OF ACQUASAFE
1,000 L	67 ml
5,000 L	333 ml
10,000 L	666 ml
15,000 L	1 L
30,000 L	2 L
45,000 L	3 L
60,000 L	4 L
75,000 L	5 L
150,000 L	10 L
300,000 L	20 L
375,000 L	25 L

### PACK SIZES

**1 litre bottles** 12 per outer  
P/No. AS-1\*12

**5 litre bottles** 2 per outer  
P/No. AS-5\*2

**25 litre bottles** Singles  
P/No. AS-25

**Test strips** Packs of 20  
P/No. AS-TS\*20

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.

# TECHNICAL SPECIFICATIONS

## WHY USE ACQUASAFE?

### The Solution for All Types of Stored Water

- Tank water, carted water and water that is pumped up from bores and dams all have the potential to be unsafe. The Acquasafe formula can vastly improve the safety of these water supplies.

### 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.

### Long Lasting

- 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 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 4<sup>1</sup>/<sub>2</sub> glasses of water!
- Therefore the cost of protecting your water with Acquasafe is very low.

### Environmentally and Family Safe

- Acquasafe safely sanitises water and in doing so breaks down into oxygen and water.
- Some alternative sanitises 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.



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This literature is not a complete guide to product usage. Further information is available from your Davey dealer, Davey Customer Service Centre and from the relevant product Installation and Operating Instructions. This data sheet must be read in conjunction with the relevant product Installation and Operating Instructions and all applicable statutory requirements. Product specifications may change without notice.

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