



**AQUATIC  
TECHNOLOGIES**  
www.aquatic.net.au



### Application rates:

Regardless of the depth of the water, we recommend an application rate of 10 litres per hectare of surface area (1 litre per 1,000 sq metres) every 3 weeks during the warmer months.

*WaterGuard* is best applied on the upwind side of the dam to assist with spreading. It will still cover the surface if applied against the wind, but at a slower rate.



WaterGuard when applied



WaterGuard spreads over surface gradually

WaterGuard - the most effective and more economical way of reducing evaporation from farm dams, reservoirs and pools.

*WaterGuard is a unique liquid which spreads over the surface of water to form a very thin film and reduce evaporation.*

*WaterGuard* is a new, improved formula which is even more effective and more economical for reducing evaporation from farm dams, reservoirs and pools.

### How Does It Work?

*WaterGuard* is produced from polymers which repel each other very strongly when they come in contact with the water. The result is a strong spreading action which spreads across the surface, forming a liquid 'blanket' to reduce evaporation.

### Why Is It Important To Reduce Evaporation?

Water losses from evaporation are immense. A single square metre of water surface can easily lose up to 8 litres to evaporation every day in summer, and a one hectare dam can lose up to 80,000 litres. Where water is essential, best preserve it with WaterGuard.

### What Savings Can You Expect With WaterGuard?

Trials in the US have achieved evaporation savings of 50% and above.

### Is WaterGuard Safe?

The components of *WaterGuard* are so safe, an application for certification of WaterGuard for drinking water is currently underway. *WaterGuard's* ingredients are commonly used in food and pharmaceutical applications and are completely safe.

### Rain, Wave And Wind Action?

Once the film is in place, it is very resistant to disturbances. It will move around slowly over the surface, but will not build up at one end of the water body. In the event of rain, the blanket will not be affected as it will allow the rain to seep through without disturbing the formation of particles. In the event of high winds, reformation of WaterGuard will take place once the wind drops.

### Application Method

To apply *WaterGuard* simply be pour on to the water directly from the container, and it will spread rapidly across the surface. For larger applications, it can also be applied by air.

*For more information please refer to our website: [www.damstopleak.com.au](http://www.damstopleak.com.au)*