

SAFESOL.

THE CLEVER LITTLE CHEMICALS COMPANY



@SafeSol



@SafeSolUK

**DISCOUNT
AVAILABLE
ON BULK
ORDERS**

HUWA-SAN TR50

SILVER STABILISED HYDROGEN PEROXIDE

Are you struggling to get rid of persistent legionella or pseudomonas from a water system? Then Safesol have the answer. Huwa-San TR50



✓ IT WORKS ✓ IT'S SAFE ✓ IT'S EASY

BUY HUWA-SAN TR50 WWW.SAFESOL.CO.UK
OR CALL 0191 4478008

SafeSol Ltd. South Shields Business Works, Henry Robson Way, NE33 1RF

HUWA-SAN TR50

SILVER STABILISED HYDROGEN PEROXIDE

Huwa-San TR50, silver stabilised hydrogen peroxide (SSHP), can be used for disinfection of water systems either as a shock disinfectant or as a constant dose chemical.

Huwa-San is proven to kill bacteria, including Legionella, at given dose rates and will also kill fungi, viruses and mould. TNO Food and Nutrition laboratories 2013 show that 2000ppm Huwa-San (1000ppm) peroxide will achieve a 4.8 log reduction of Legionella Pneumophila Group 1 in an hour. Huwa-San is also an excellent biofilm remover.

DUE TO ITS UNIQUE STABILISATION PROCESS IT IS THE MOST EFFECTIVE SILVER STABILISED HYDROGEN PEROXIDE IN THE MARKET

APPROVALS Huwa-San TR50

BPR The active ingredient in Huwa-San, hydrogen peroxide, has now been approved by the Biocidal Products Regulation (BPR). Roam Technology NV are now seeking approval for the Huwa-San family under Part 5 Drinking Water Products used for the disinfection of water for humans and animals.

NSF www.nsf.org NSF International. Founded in 1944, our mission is to protect and improve global human health. Manufacturers, regulators and consumers look to us to facilitate the development of public health standards and certifications that help protect food, water, consumer products and the environment.

Huwa-San also has approval for use in drinking water from National Sanitation Foundation (NSF).

DWI DWI have approved Huwa-San for disinfection. This is DWI 56/4/573

CEFAS Huwa-San has approval for use off shore. This is CEFAS 26601.

HSE SSHP's, such as Huwa-San have been recognised by the UK Health and Safety Executive (HSE) for the control legionella in water systems.

WHAT? Huwa-San TR50

WHERE? For mains and cistern fed water disinfection to kill bacteria and remove biofilm

WHEN? It is suitable to take the system off line to clean the water cistern

WHY? To ensure that your customers have clean and wholesome water.

HOW? Add 200ml of Huwa-San TR50 to give 100ppm of peroxide 24 hours contact time is required
Or
Add 2litres Huwa-san TR50 to give 1000ppm of peroxide for 1 hours contact time.

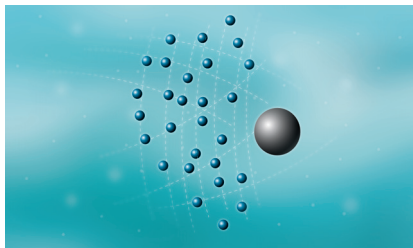
**BUY HUWA-SAN TR50 WWW.SAFESOL.CO.UK
OR CALL 0191 4478008**

SafeSol Ltd. South Shields Business Works, Henry Robson Way, NE33 1RF

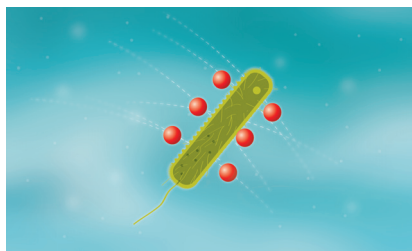
HUWA-SAN TR50

SILVER STABILISED HYDROGEN PEROXIDE

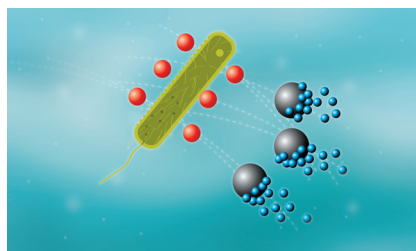
HOW IT WORKS:



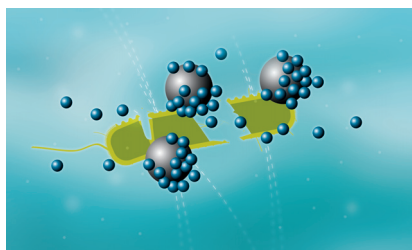
1. Silver ion hydrogen bonds to hydrogen peroxide. Hydrogen peroxide like water is linked by hydrogen bonds.



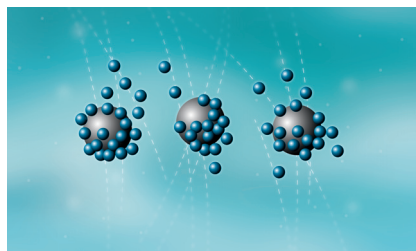
2. A bacterium has a number of thionyl groups on its external wall.



3. Silver is electronically attracted to the thionyl groups. It reacts with them and releases iron.



4. Silver pulls hydrogen peroxide towards the targeted area on the bacterium cell wall allowing it to penetrate the cell and kill the bacterium. The silver is unchanged.



5. When the bacterium is dead silver ion hydrogen bonds to unused hydrogen peroxide ready to kill the next bacterium.



HUWA-SAN TR50

SILVER STABILISED HYDROGEN PEROXIDE

Safesol introduced Huwa-San to the UK Legionella control market in 2003. We use and supply this product. This makes us uniquely placed to advise you the uses and dose rates of Huwa-San.

The use of Huwa-San can help you save time on your disinfections, save money and save the environment.



“Silver stabilised hydrogen peroxide has a history of use in the control of legionella in water systems. A silver hydrogen peroxide is injected directly into the water system and if applied and maintained according to the manufacturer’s instructions, can be an effective means of control. However, this should not be used in water systems supplying dialysis units.”

HSG 274(2014) TECHNICAL GUIDANCE FOR LEGIONNAIRES’ DISEASE
PART 2 (PAGE39)

**BUY HUWA-SAN TR50 WWW.SAFESOL.CO.UK
OR CALL 0191 4478008**

SafeSol Ltd. South Shields Business Works, Henry Robson Way, NE33 1RF