



1. PRODUCT IDENTIFICATION

Identification of the substance

Product Name: Salvesan

Other Names: Electronically Activated Water

General Use: Biocide

Chemical Name: Water

Chemical Family: Water

Company identification

Address: Aqualution Systems Ltd
Unit A, Duns Industrial Park, Station Road, Duns, TD11 3HS
Telephone: 01361 883575
Fax: 01361 883437
Web-site: www.aqualution.co.uk

Emergency telephone 07850 852209

2. PRODUCT INFORMATION

Chemical Name	CAS-No	EINECS-No	Wt/Vol %	Symbols
Sodium chloride	7647-14-5	231-598-3	0.2 – 0.4	NaCl
Hypochlorous acid/ Sodium hypochlorite	7790-92-3 7782-52-9	232-232-5 231-668-3	0.01 – 0.02	HOCl/ NaOCl
Sodium chlorate	7775-09-9	231-887-4	0.002	NaClO ₃
Water	7732-18-5	231-791-2	99.788 – 99.578	H ₂ O

Comments: product ranges shown are typical values for Health, Safety and Environmental purposes and are not intended to be used as Specifications.

3. HAZARD IDENTIFICATION

Physiochemical effects: Not classified. No hazard expected under normal conditions of use.

Human health effects: Not classified. No hazard expected under normal conditions of use.

Aqualution Item No(s):

Aqualution Systems Ltd: MSDS No: **SAL001** Issue No: **1** Date: **05 August 2009**

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4. FIRST AID MEASURES

Inhalation: Non-irritating. Remove to fresh air. Seek medical attention if ill effects occur.

Ingestion: Do not induce vomiting. Give plenty of water to drink. Seek medical attention if ill effects occur.

Skin contact: Non-irritating. Remove contaminated clothing immediately and wash skin with plenty of water. Seek medical attention if ill effects occur.

Eyes: Non-irritating. Immediately flush eyes with plenty of water for several minutes. Seek medical attention if ill effects occur.

5. FIRE FIGHTING MEASURES

The product is not flammable.

6. ACCIDENTAL RELEASE MEASURES

Wash to waste with plenty of water.

7. HANDLING AND STORAGE

Handling: No special precautions necessary.

Storage: Store in a closed, dark container at 5 - 35 °C away from light.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure limit: There are no recommended or established controls for this product.

Protective Equipment: Avoid prolonged contact with the skin. Use good personal hygiene practises.

9. PHYSICAL AND CHEMICAL PROPERTIES

Colourless, odourless aqueous solution with pH 6.5 - 7.5

10. STABILITY AND REACTIVITY

No hazardous reactions are known if used for its intended purpose.

The product is considered stable under normal conditions of temperature and pressure and when stored in a closed, dark container. The product has a shelf life of 12 months.

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11. TOXICOLOGICAL INFORMATION

LD₅₀ (oral, rat) > 10000 mg/kg < 40000 mg/kg

LD₅₀ (dermal, rat) > 10000 mg/kg

Inhalation LD₅₀ – not available

12. ECOLOGICAL INFORMATION

The product presents no hazard to the environment.

13. DISPOSAL CONSIDERATION

No special precautions are required for this product.

14. TRANSPORT INFORMATION

Not classified as dangerous for transport by RID/ADR, IMDG, IATA

Proper shipping name: Not applicable

15. REGULATORY INFORMATION

Health, safety and environment information shown on the label according to EU directives:

The product is not classified as dangerous according to EU-directive 1999/45/EC.

16. OTHER INFORMATION

The product is an aqueous solution containing mainly hypochlorous acid as active ingredient intended for use as a biocide.

Risk phase key 31 – contact with acid liberates a toxic gas.

Prolonged contact with metal may lead to corrosion. Exposed metal areas must therefore be rinsed with water after use.

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