

InSpec HA

Date: 20-Mar-2018

Revision No. 3.0 EN

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SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product Identifier

Trade Name: InSpec HA

Other Names: Electronically Activated Water

1.2 Relevant identified uses of the substance or mixture and used advised against

Relevant Identified Uses: Disinfectant Cleaner (biocidal product)

Uses Advised Against: -

1.3 Details of the supplier of the safety data sheet

Redditch Medical (A Division of Entaco) Unit 90, Heming Rd, Washford, Redditch B98 0EA, UK

Contact Details

Redditch Medical (A Division of Entaco)

Unit 90, Heming Road, Washford, Redditch Worcs. UK

+44 (0) 1527 830942

Regulatory Email: craig.thomas@redditchmedical.com

1.4 Emergency telephone number

For medical or environmental emergency only:

Call + 44 (0) 7908 176679

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

The product has been classified and labelled in accordance with Regulation (EC) No 1272/2008.

Physical Hazards: None

Health Hazards: None

Environmental Hazards: None

2.2 Label elements

Pictograms / Signal Word None

Hazard Statements: None

Precautionary

Statements: None

2.3 Other hazards

No other hazards known. The product does not meet the criteria for PBT or vPvB in accordance with Regulation (EC) No 1907/2006, Annex XIII.

SECTION 3: Composition/Information on Ingredients

3.1 Substances

The product is a mixture (see Section 3.2)

3.2 Mixtures

Ingredient(s)	EC Number	CAS Number	REACH Number	Classification according Regulation (EU) No 1272/2008 (CLP)	Notes	Content (%wt/wt)
Sodium chloride	231-598-3	7647-14-5	01-2119485491-33-XXXX	Not classified	-	0.2-0.4
Hypochlorous acid	231-668-3	7790-92-3	-	Not classified	-	0.01-0.02
Water	231-791-2	7732-18-5	-	Not classified	-	99.79-99.58

SECTION 4: First Aid Measures

4.1 Description of first aid measures

Following Inhalation: Non-irritating. Move affected person to fresh air at once. Seek medical attention if any discomfort continues.

Following skin contact: Non-irritating. Remove contaminated clothing immediately. Rinse skin with plenty of water for at least 15 minutes. Seek medical attention if any discomfort continues.

Following eye contact: Non-irritating. Immediately rinse eyes with plenty of water for at least 15 minutes. Seek medical attention if any discomfort continues.

Following ingestion: Do not induce vomiting. Give plenty of water to drink. Call a poison centre or doctor / physician if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for doctor: Treat patient symptomatically.

SECTION 5: Firefighting Measures

5.1 Extinguishing media

Not applicable – this product is not flammable.

5.2 Special hazards arising from the substance or mixture

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5.3 Advice for firefighters

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SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

No special measures.

6.2 Environmental precautions

Wash to waste with plenty of water.

6.3 Methods and material for containment and cleaning up

Shut off leak if possible and safe to do so. Absorb with inert absorbent material (e.g. diatomaceous earth) and collect in suitable container.

6.4 Reference to other sections

For personal protective equipment see sub-section 8.2. For disposal considerations see section 13.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

No special precautions necessary.

7.2 Conditions for safe storage, including any incompatibilities

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

7.3 Specific end use(s)

No information.

SECTION 8: Exposure Controls/Personal Protection

8.1 Control parameters

Workplace exposure limits:

Contains no substances with occupational exposure limits.

Biological limits, if available:

Not available.

Recommended monitoring procedures, if available:

Not available.

Additional exposure limits under the conditions of use, if available:

Not available.

8.2 Exposure controls

There are no recommended or established controls for this product.

Personal Protective Equipment

Avoid prolonged contact with skin. Use good personal hygiene practises.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Information in this section refers to the mixture.

Physical State:

Liquid

Colour:

Colourless.

Odour:

Odourless.

Relative density:

No data available.

pH:

6.5-7.5

Melting point /freezing point:

No data available.

Initial boiling point and boiling range:

No data available.

Flash point:

No data available.

Auto-ignition temperature:

No data available.

Method / remark

Evaporation rate:	No data available.
Flammability:	No data available.
Vapour pressure:	No data available.
Vapour density:	No data available.
Solubility:	No data available.
Partition Coefficient:	No data available.
Viscosity:	No data available.
Explosive Properties:	No data available.
Oxidising Properties:	No data available.

9.2 Other information -

SECTION 10: Stability and Reactivity

10.1 Reactivity

No hazardous reactions are known when the product is used in accordance with its intended purposes.

10.2 Chemical stability

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.

10.3 Possibility of hazardous reactions

Contact with acid can liberate a toxic gas.

10.4 Conditions to avoid

Avoid sun rays.

10.5 Incompatible materials

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

10.6 Hazardous decomposition products

No information available.

SECTION 11: Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity

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

LD₅₀ (dermal, rat): >10000 mg/kg

Inhalation LD₅₀: No information available.

Skin corrosion / irritation: No data available.

Serious eye damage / irritation: No data available.

Respiratory or skin sensitisation: No data available.

Germ cell mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: No data available.

Specific target organ toxicity – single exposure No data available.

Specific target organ toxicity – repeated exposure: No data available.

Aspiration: No data available.

SECTION 12: Ecological Information

12.1 Toxicity

This product presents no hazard to the environment.

12.2 Persistence and degradability

No data is available.

12.3 Bioaccumulative potential

No data is available.

12.4 Mobility in soil

No data is available.

12.5 Results of PBT and vPvB assessment

The mixture contains no components that are considered to be with Persistent, Bioaccumulative and Toxic (PBT), or very Persistent and very Bioaccumulative (vPvB).

12.6 Other adverse effects

No other information on adverse effects is available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

No special precautions are required for this product.

SECTION 14: Transport Information

ADR, RID, AND, IMO/IMDG, ICAO/IATA

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

14.1	UN number:	-
14.2	UN proper shipping name:	-
14.3	Transport hazard class(es):	Not considered dangerous goods.
14.4	Packing group:	-
14.5	Environmental hazards	
	Environmentally hazardous:	No.
	Marine pollutant:	No.
14.6	Special precautions for user:	Not data available.
14.7	Transport in bulk according to Annex II of MARPOL and the IBC Code:	Not data available.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations: Regulation (EC) No. 1907/2006.

15.2 Chemical safety assessment

Not available.

SECTION 16: Other information

Baua registration number: N-75158

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract.

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

Version: 3.0 EN

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Revision Note: Format and content updated for compliance with Regulation (EC) 1907/2006.

Classification procedure

The classification of the mixture is in general based on calculation methods using substance data, as required by Regulation (EC) No 1272/2008. If for certain classifications data on the mixture is available or for example bridging principles or weight of evidence can be used for classification, this will be indicated in the relevant sections of the Safety Data Sheet. See section 9 for physical chemical properties, section 11 for toxicological information and section 12 for ecological information.

Abbreviations and acronyms:

- PBT – Persistent, Bioaccumulative and Toxic
- REACH Number – REACH registration number, without supplier specific part
- vPvB – very Persistent and very Bioaccumulative

End of Safety Data Sheet