

**SAFETY DATA SHEET****ACTIV-OX® SPA CLEANER B**

According to Regulation (EC) No 1907/2006, Annex II

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

**Product name** ACTIV-OX® SPA CLEANER B  
**Product number** AX-SPA-B

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

**Identified uses** Activator for chlorine dioxide precursor (use only as directed with ACTIV-OX® products)

**1.3. Details of the supplier of the safety data sheet**

**Supplier** Feedwater Limited  
Tarran Way  
Tarran Estate  
Moreton  
Wirral  
CH46 4TU  
Tel: 0151 606 0808  
msds@feedwater.co.uk

**1.4. Emergency telephone number**

**National emergency telephone number** National Chemical Emergency Centre - 01865 407333 (UK Only)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification****Physical hazards**

Not Classified

**Health hazards**

Not Classified

**Environmental hazards**

Not Classified

**Classification (67/548/EEC or 1999/45/EC)****Human health**

See Section 11 for additional information on health hazards.

**Environmental**

See section 12 for environmental information.

**Physicochemical**

See section 9 for physicochemical information.

**2.2. Label elements****Hazard statements**

NC Not Classified

### ACTIV-OX® SPA CLEANER B

#### Precautionary statements

P280 Wear protective clothing.

#### Supplemental label information

RCH002a Restricted to professional users.

BPR001 Use biocides safely. Always read the label and product information before use.

#### 2.3. Other hazards

Not applicable.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>PHOSPHORIC ACID ...%</b>	<b>1-10%</b>
<b>CAS number:</b> 7664-38-2 <b>EC number:</b> 231-633-2 <b>REACH registration number:</b> 01-2119485924-24-XXXX	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Skin Corr. 1B - H314	C;R34
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### Inhalation

Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

##### Ingestion

Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

##### Skin contact

Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

##### Eye contact

Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes and get medical attention.

#### 4.2. Most important symptoms and effects, both acute and delayed

##### General information

Get medical attention promptly if symptoms occur after washing.

##### Inhalation

May cause respiratory system irritation.

##### Ingestion

May cause discomfort if swallowed.

##### Skin contact

Prolonged skin contact may cause redness and irritation.

##### Eye contact

Symptoms following overexposure may include the following: Redness. Pain.

#### 4.3. Indication of any immediate medical attention and special treatment needed

##### Notes for the doctor

No specific recommendations.

### SECTION 5: Firefighting measures

## ACTIV-OX® SPA CLEANER B

### 5.1. Extinguishing media

#### **Suitable extinguishing media**

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

#### **Unsuitable extinguishing media**

None

### 5.2. Special hazards arising from the substance or mixture

#### **Specific hazards**

No unusual fire or explosion hazards noted.

#### **Hazardous combustion products**

Does not decompose when used and stored as recommended.

### 5.3. Advice for firefighters

#### **Protective actions during firefighting**

Use water to keep fire exposed containers cool and disperse vapours.

#### **Special protective equipment for firefighters**

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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## **SECTION 6: Accidental release measures**

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### 6.1. Personal precautions, protective equipment and emergency procedures

#### **Personal precautions**

Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

#### **Environmental precautions**

Do not discharge into drains or watercourses or onto the ground. Observe all national regulations

### 6.3. Methods and material for containment and cleaning up

#### **Methods for cleaning up**

Neutralise spilled material with crushed limestone, slaked lime (calcium hydroxide), soda ash (sodium carbonate) or sodium bicarbonate. Flush contaminated area with plenty of water. Flush away spillage with plenty of water.

### 6.4. Reference to other sections

#### **Reference to other sections**

For personal protection, see Section 8.

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## **SECTION 7: Handling and storage**

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### 7.1. Precautions for safe handling

#### **Usage precautions**

For professional users only. Avoid spilling. Wear appropriate clothing to prevent skin contamination. Avoid contact with skin and eyes. Do not breathe spray.

#### **Advice on general occupational hygiene**

Smoking, eating and drinking should be prohibited in application areas. Take off immediately all contaminated clothing. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

### 7.2. Conditions for safe storage, including any incompatibilities

#### **Storage precautions**

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Only store in correctly labelled containers. Must be banded when stored near acid reactive materials.

#### **Storage class**

Chemical storage.

### 7.3. Specific end use(s)

#### **Specific end use(s)**

### ACTIV-OX® SPA CLEANER B

The identified uses for this product are detailed in Section 1.2.

#### Usage description

Use as directed by supplier

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### SECTION 8: Exposure Controls/personal protection

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#### 8.1. Control parameters

##### Occupational exposure limits

##### PHOSPHORIC ACID ...%

Long-term exposure limit (8-hour TWA): WEL 1 mg/m3

Short-term exposure limit (15-minute): WEL 2 mg/m3

WEL = Workplace Exposure Limit

##### Ingredient comments

WEL = Workplace Exposure Limits

#### 8.2. Exposure controls

##### Protective equipment



##### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

##### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

##### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

##### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

##### Hygiene measures

Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated.

##### Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

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### SECTION 9: Physical and Chemical Properties

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#### 9.1. Information on basic physical and chemical properties

##### Appearance

Liquid.

##### Colour

Colourless.

##### Odour

Odourless.

##### pH

pH (concentrated solution): 1 Approx.

##### Initial boiling point and range

100°C @

##### Relative density

**ACTIV-OX® SPA CLEANER B**

1.010-1.050 @ °C

**Solubility(ies)**

Soluble in water.

**9.2. Other information****Other information**

Not available.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

The following materials may react with the product: Alkalis. Amines. Strong reducing agents. Strong oxidising agents.

**10.2. Chemical stability****Stability**

Stable at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

Reacts with some metals to liberate hydrogen gas. Reacts with chlorine/hypochlorite, sulphites, nitrites to produce toxic or corrosive gases

**10.4. Conditions to avoid**

Avoid excessive heat for prolonged periods of time.

**10.5. Incompatible materials****Materials to avoid**

Alkalis - inorganic. Alkalis - organic. Inorganic nitrites. Metals Strong oxidising agents. Strong reducing agents.

**10.6. Hazardous decomposition products**

No known hazardous decomposition products.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Inhalation**

May cause respiratory system irritation.

**Ingestion**

May cause discomfort if swallowed.

**Skin contact**

Prolonged and frequent contact may cause redness and irritation.

**Eye contact**

May cause temporary eye irritation.

**SECTION 12: Ecological Information****Ecotoxicity**

Not regarded as dangerous for the environment.

**12.1. Toxicity**

Low toxicity

**12.2. Persistence and degradability****Persistence and degradability**

Not persistent The product contains inorganic compounds that will eventually degrade to inert salts in the natural environment.

**12.3. Bioaccumulative potential**

The product is not bioaccumulating.

**12.4. Mobility in soil**

## ACTIV-OX® SPA CLEANER B

### Mobility

The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

This substance is not classified as PBT or vPvB according to current EU criteria.

### 12.6. Other adverse effects

High concentrations may be damaging to environment due to pH effect. Contains phosphate

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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### General information

Contact a licensed waste disposal company.

#### Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Following dilution and neutralisation, discharge to the sewer with plenty of water may be permitted. Neutralise waste with alkaline material, such as crushed limestone, slaked lime (calcium hydroxide), soda ash (sodium carbonate) or sodium bicarbonate. The requirements of the local water authority must be complied with if contaminated water is flushed directly to the sewer.

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## SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

**UN No. (ADR/RID)** Not classified for transport

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

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## SECTION 15: Regulatory information

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

#### EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

#### Guidance

**ACTIV-OX® SPA CLEANER B**

Workplace Exposure Limits EH40.

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

**SECTION 16: Other information****General information**

Only trained personnel should use this material. Further details may be available from the supplier.

**Key literature references and sources for data**

Other safety data sheets relevant to individual chemical constituents within this product. REACH registered substances database

**Revision date** 01/06/2015

**Revision** 7

**Supersedes date** 01/05/2013

**SDS status** Approved.

**Risk phrases in full**

NC Not classified.  
R34 Causes burns.

**Hazard statements in full**

H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.

**Disclaimer**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.