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## SAFETY DATA SHEET

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### 1 Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Product Name: **Activ-Ox**  
Datasheet Number: SP428 1. 0. 0  
Product Part Number: SP428  
Chemical Name: Dilute aqueous solution of oxychlorine species

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

Pool / spa treatment

#### 1.3 Details of the supplier of the safety data sheet

Name of Supplier: Total Pool Chemicals Ltd  
Address of Supplier: Unit 1, Pool Bank Business Park  
High Street, Tarvin  
Chester CH3 8JH  
UK  
Telephone: +44 (0)1829 740290  
Fax: +44 (0)1829 741855  
Responsible Person: Steve Carder  
Email: sales@totalpool.co.uk

#### 1.4 Emergency telephone number

+44 (0)1829 740290 (Office Hours)

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## 2 Hazards identification

#### 2.1 Classification of the substance or mixture

- Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]
- Classification (67/548/EEC, 1999/45/EC)
- Not classified as hazardous for supply

#### 2.2 Label elements

- Not Classified

#### 2.3 Other hazards

- Mildly irritating to skin and eyes

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## 3 Composition/information on ingredients

#### 3.1 Mixtures

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases	Symbols	Index No.
Dilute aqueous solution of oxychlorine species	100%					

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## 4 First aid measures

#### 4.1 Description of first aid measures

- IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
- IF ON SKIN: Gently wash with plenty of soap and water.



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## 4 First aid measures (....)

- If skin irritation occurs: Get medical advice/attention.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- Get medical advice/attention if you feel unwell.

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

- May cause irritation

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

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## 5 Fire-fighting measures

### 5.1 Extinguishing media

- In case of fire: use water, alcohol resistant foam or dry agent for extinction

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

- Gives off irritating or toxic fumes (or gases) in a fire.

### 5.3 Advice for firefighters

- Wear protective clothing as per section 8
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## 6 Accidental release measures

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

- The undiluted product must not be used in a confined space without good ventilation
- Wear protective clothing as per section 8

### 6.2 Environmental Precautions

- Do not allow to enter public sewers and watercourses

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

- Absorb spillage in inert material and shovel up
- Place in appropriate container
- Seal containers and label them
- Remove contaminated material to safe location for subsequent disposal

### 6.4 Reference to other sections

- See Section 7 & 8
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## 7 Handling and storage

### 7.1 Precautions for safe handling

- Ensure adequate ventilation
- Do not get in eyes, on skin, or on clothing.

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

- Store in a dry place. Store in a closed container.
- Store in a well-ventilated place. Keep cool.

### 7.3 Specific end use(s)

- No information available
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## 8 Exposure controls/personal protection

### 8.1 Control parameters

- There are no recommended or established controls for this product

Dilute aqueous solution of oxychlorine species

- There are no recommended or established controls for this product

### 8.2 Exposure controls

- Engineering controls should be provided to prevent the need for ventilation

Occupational exposure controls

- Wear suitable protective clothing, including eye/face protection and gloves (PVC are recommended)



Gloves



Goggles



Suit

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## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Odour: chlorine
- Appearance: colourless, aqueous solution
- pH 12.7
- Boiling point - not known
- Vapour pressure - not applicable
- Vapour density - not applicable
- Melting point - not known
- Water solubility - not known
- Fat solubility - not applicable
- Specific gravity (water=1) 1.006
- Flash point - not known
- Auto-ignition point - not applicable
- Log Pow - not known
- Evaporation rate - not applicable
- Viscosity - not known

### 9.2 Other information

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## 10 Stability and reactivity

### 10.1 Reactivity

- No decomposition if stored normally.

### 10.2 Chemical stability

- No decomposition if stored normally.

### 10.3 Possibility of hazardous reactions

- No information available

### 10.4 Conditions to avoid

- Keep away from heat and light

### 10.5 Incompatible materials

- Ammonia
- Incompatible with acid
- Incompatible with amines



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## 10 Stability and reactivity (....)

- Incompatible with oxidizing substances
- Incompatible with reducing agents
- Incompatible with organics
- Avoid contact with metals

### 10.6 Hazardous Decomposition Products

- Decomposition products include chlorine.

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## 11 Toxicological information

### 11.1 Information on toxicological effects

- May cause irritation
- May disturb the eyes, skin and mucous membranes

#### Inhalation

- May cause irritation

#### Contact with skin

- May cause irritation

#### Contact with eyes

- May cause redness and irritation

#### Ingestion

- The ingestion of significant quantities may cause damage to mucous membranes

#### Carcinogenicity

- No evidence of carcinogenic effects

#### Teratogenicity

- No evidence of reproductive effects

#### Mutagenicity

- No evidence of mutagenic effects

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## 12 Ecological information

### 12.1 Toxicity

- No information available

### 12.2 Persistence and degradability

- Readily biodegradable

### 12.3 Bioaccumulation Potential

- No information available

### 12.4 Mobility in soil

- No information available

### 12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

### 12.6 Other Adverse Effects

- Hazardous to the environment



## 13 Disposal considerations

### 13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation

#### Classification

- The waste must be identified according to the List of Wastes (2000/532/EC)

## 14 Transport information

### 14.1 UN Number

N/A

### 14.2 UN Proper Shipping Name

N/A

### 14.3 Transport hazard class(es)

N/A

### 14.4 Packing group

N/A

### 14.5 Environmental hazards

- Presents little or no hazard to the environment

### 14.6 Special precautions for user

- No special precautions are required for this product

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

- Not hazardous according to current ADR Regulations
- Not hazardous according to current IATA Regulations
- Not hazardous according to current ICAO Regulations
- Not hazardous according to current RID Regulations

#### Other information

##### Road/Rail (ADR/RID)

Proper Shipping Name: Not hazardous

ADR Hazard Class:

Tunnel Code:

ADR UN No.:

ADR Packing Group:

##### Sea (IMDG)

Proper Shipping Name: Not hazardous

IMDG Hazard Class.:

IMDG UN No.:

IMDG Pack Group.:

##### Air (ICAO/IATA)

Proper Shipping Name: Not hazardous

ICAO Hazard Class.:

ICAO Un No.:

ICAO Packing Group.:

## 15 Regulatory information

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

- The List of Wastes (England) Regulations 2005 apply in the UK
- Not hazardous according to current CPL Regulations

### 15.2 Chemical Safety Assessment



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## 16 Other information

The statements made herein are based on our best present experience and are intended to describe product safety requirements. They should not therefore be considered as a warranty of specific properties.