

# SAFETY DATA SHEET

HA38

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Compilation date: 13/12/2010

Revision No: 1

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

### 1.1. Product identifier

**Product name:** HA38

**EINECS number:** 231-595-7

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

**Use of substance / mixture:** Preparation for the production of Chlorine Dioxide solutions. For use in potable and industrial grade waters.

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

**Company name:** Howlett Associates Water Treatment Ltd

Park House 1st Floor

1-4 Park Terrace

Worcester Park

Surrey

KT4 7JZ

**Tel:** 02083 373516

**Fax:** 02032 771015

**Email:** info@hawtl.co.uk

### 1.4. Emergency telephone number

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification under CHIP:** -:

**Classification under CLP:** Skin Corr. 1A: H314

**Most important adverse effects:** ot hazardous when normal industrial health and safety practises are observed.

### 2.2. Label elements

**Label elements under CLP:**

**Hazard statements:** H314: Causes severe skin burns and eye damage.

**Signal words:** Danger

**Hazard pictograms:** GHS05: Corrosion



**Precautionary statements:** P352: Wash with plenty of soap and water.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove

[cont...]

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contact lenses, if present and easy to do. Continue rinsing.

P321: Specific treatment (see information on this label).

P405: Store locked up.

P501: Dispose of contents/container to an approved waste facility.

## Label elements under CHIP:

**Hazard symbols:** No significant hazard.

**Risk phrases:** Not hazardous when normal industrial health and safety practises are observed.

**Safety phrases:** S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

## 2.3. Other hazards

**PBT:** This substance is not identified as a PBT substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Non-hazardous ingredients:

HYDROCHLORIC ACID

EINECS	CAS	CHIP Classification	CLP Classification	Percent
231-595-7	-	C: R34; Xi: R37	Skin Corr. 1B: H314; STOT SE 3: H335	1-10%

**Contains:** Acidic activator for stabilised chlorine dioxide.

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Transfer to hospital as soon as possible.

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

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** Liquid product, Inhalation unlikely.

[cont...]

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

**Immediate / special treatment:** Not applicable.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Use media suitable for the surrounding fire.

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

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

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

**Personal precautions:** Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

### 6.2. Environmental precautions

**Environmental precautions:** Contain the spillage using bunding. Do not discharge into drains or rivers.

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

**Clean-up procedures:** Absorb into dry earth or sand. Wash the spillage site with large amounts of water.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area.

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

**Storage conditions:** Store in cool, well ventilated area.

### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Workplace exposure limits:** Not applicable.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Protective gloves.

[cont...]

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**Eye protection:** Safety goggles.

**Skin protection:** Protective clothing.

## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Colourless

**Odour:** Odourless

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Soluble

**Boiling point/range°C:** >35

**Flash point°C:** >93

**Relative density:** 1.030-1.040

**pH:** 1 - 2

### 9.2. Other information

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

### 10.5. Incompatible materials

**Materials to avoid:** Bases.

### 10.6. Hazardous decomposition products

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Symptoms / routes of exposure

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** Liquid product, Inhalation unlikely.

[cont...]

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## Section 12: Ecological information

### 12.1. Toxicity

### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

### 12.4. Mobility in soil

**Mobility:** Soluble in water.

### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This substance is not identified as a PBT substance.

### 12.6. Other adverse effects

**Other adverse effects:** Do not allow concentrated product to enter rivers or water courses.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Disposal should be carried out by licenced contractors. Do not allow entry to drains or waterways.

**Disposal of packaging:** Containers must be disposed of in a safe way.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

**Transport class:** This product is not classified for transport.

## Section 15: Regulatory information

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

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and 3:** H314: Causes severe skin burns and eye damage.

H335: May cause respiratory irritation.

[cont...]

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Not hazardous when normal industrial health and safety practises are observed.

R34: Causes burns.

R37: Irritating to respiratory system.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.