



Chemicals For Pools

SAFETY DATA SHEET

HYDROCHLORIC ACID 10%

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

1.1. Product identifier

Product Name: Hydrochloric Acid 10%

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

Use of substance / mixture: Used to produce a solution of chlorine dioxide for sterilisation and sanitising applications

1.3. Details of the supplier of the safety data sheet

Company Name: Chemicals For Pools
Unit 3 Boarhurst Lane
Greenfield
Oldham, OL3 7ER
Tel: 0161 678 9492

1.4. Emergency telephone number

0844 3727344

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label Elements under CLP:

Hazard statements:

Signal word:

Hazard pictograms: This product has no label elements.

Precautionary statements: P262: Do not get in eyes, on skin, or on clothing.

2.3. Other hazards

PBT: This substance is not identified as a PBT substance

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Section 3: Composition/information on ingredients

3.2. Hazardous ingredients

Ingredients	EINECS	CAS	Reach Reg No.	CLP Class	Percent
HYDROCHLORIC ACID...100%	231-595-7	7647-01-0	01-2119484862-27	Skin Corr. 1B ; STOT SE 3 ;	1-10%

Contains :

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.

Ingestion: Wash out mouth with water.

Inhalation: Consult a doctor.

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 irritation of the throat.

Inhalation: No symptoms.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

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: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

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: Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

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Storage conditions: Store in a cool, well ventilated area.
Keep container tightly closed.

Suitable packaging: Polyethylene containers, PVC, PTFE, glass and rubber lined steel.
Unsuitable packaging: all metals and alloys including stainless steel.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control Parameters

Ingredients	State	Workplace exposure limits		Respirable dust	
		8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
HYDROCHLORIC ACID...100%	UK	2 mg/m ³	8 mg/m ³	-	-

8.1. DNEL/PNEC Values

DNEL / PNEC: No data available

8.2. Exposure controls

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

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves. PVC gloves. Nitrile gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Solubility in water: Miscible in all proportions

Colour: Pink

Relative density: 1.043 pH: 0-1

Odour: Pungent

Viscosity Test Method:

Boiling Point / Range:

Melting Point / Range:

Vapour Press:

9.2. Other information

Other information: No data available.

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

10.4. Conditions to avoid

Conditions to avoid: Heat. Temperatures above boiling point.

10.5. Incompatible materials

Materials to avoid: Metals. Bases. Avoid contact with hypochlorite solutions.

10.6. Hazardous decomposition products

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Hazardous decomposition products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Effects of mixture

Calculated

11.2. 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 irritation of the throat.

Inhalation: No symptoms.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: Not applicable

12.2. Persistence and degradability

Persistence and degradability:

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility in solid: 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: Large amounts will affect the pH in water with risk of harm to aquatic organisms

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Return empty containers to the supplier for recycling. Damaged containers should be destroyed by cutting up or by incineration.
Do not use for potable water.

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

Section 14: Transport information

14.1. UN Number

UN number: -

14.2. UN Proper shipping name

Shipping name: NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATIONS.

14.3. Transport hazard class(es)

Transport class:

14.4. Packing Group

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Packing group:

14.6. Special precautions for user

Tunnel Code:

Transport category:

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

Chemical safety assessment: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010

Phrases used in s.2 and 3: H314: Causes severe skin burns and eye damage.
H335: May cause respiratory irritation.

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.