SAFETY DATA SHEET
Revision 3

Cell Cleaner

1. Identification of the substance/preparation and of the company/undertaking

1.1 Product Identifier
Trade Name: Salt Cell Cleaner

1.2 Relevant Identified uses of the substance or mixture and uses advised against
Uses: High Strength Salt Chlorinator Cell Cleaner

1.3 Details of the supplier of the safety data sheet
Company: Complete Pool Controls Ltd
Unit 2, The Park
Stoke Orchard
Bishops Cleeve
Gloucestershire
GL52 7RS

Telephone: +44 (0) 8712 229081 Fax: +44 (0) 8712 229083
E-mail: sales@cpc-chemicals.co.uk

1.4 Emergency Telephone
Tel: +44 (0) 8712 229081 (office hours) +44 (0) 3712 229084 (outside of office hours)

2. Hazard Identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008

Hazard Class	Hazard Statements
Skin Corrosion 1B	H314

For the full text of the H statements mentioned in this section see Section 16.

Most important adverse effects

Human Health:	See section 11 for toxicilogical information
Physical & Chemical Hazards:	See section 9 for physicochemical information
Potential environmental effects:	See section 12 for environmental information

2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008

Hazard symbols: 

Signal word: Danger

Hazard statements: H314 Causes severe skin burns and eye damage

Precautionary statements:

P102	Keep out of reach of children
P103	Read label before use
P264	Wash with plenty of water thoroughly after handling
P280	Wear protective gloves/protective clothing eye protection/face protection
P301+P330+P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair) :Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
P314	Get medical attention if you feel unwell
P333+P313	If skin irritation persists get medical attention
P337+P313	If eye irritation persists get medical attention
P363	Wash contaminated clothing before reuse.

2. Hazard Identification

Precautionary statements: P405 Store locked up.
P501 Dispose of contents/container according to regulations

Hazardous components which must be listed on the label
Phosphoric Acid and Hydrochloric Acid

2.3 Other Hazards

PVTT & PBT: This product is not identified as a PBT substance

3. Composition/information on ingredients

3.2 Mixtures

Chemical nature: Aqueous solution
Mixture of substances listed below with nonhazardous additions

Chemical Name	CAS NO	ENICS	Amount %	CLP Hazards
Phosphoric Acid	7664-38-2	231-633-2	10-30%	H314
Hydrochloric Acid	7647-01-0	231-595-7	1-10%	H314 ; H335

4. First Aid measures

4.1 Description of first aid measures

If inhaled: : Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible

In case of skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

In case of eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

If swallowed: Wash out mouth with water. Do not induce vomiting. Give 1 cup of water every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

4.2 Most important symptoms and effects, both acute and delayed

If inhaled: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact: Corneal burns may occur. May cause permanent damage.

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3 Indication of immediate medical attention and special treatment needed

Eye bathing equipment should be available on the premises.

5. Fire fighting measures

5.1 Extinguishing media:

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

Unsuitable media: No information available.

5.2 Special hazards arising from the substance or mixture

Specific Hazards: Corrosive. Corrosive. In combustion emits toxic fumes

5.3 Advice for fire-fighters

Protective equipment: In the event of fire, wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes

6. Accidental release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions: Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. 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 materials for containment and cleaning up

Clean-up procedures: Clean-up should be dealt with only by qualified personnel familiar with the specific substance. 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

For personal protection see section 8

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday. Take off all contaminated clothing immediately.

7.2 Conditions for safe storage, including any incompatibilities.

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

7.3 Specific end uses

Specific use(s) No information is available.

8. Exposure control/personal protection

8.1 Control parameters

	8 hour (TWA)*	15 min STEL
Phosphoric Acid	1mg/m^3	2mg/m^3
Hydrochloric Acid	-	7.6mg/m^3

*Time Weighted Average

8.2 Exposure controls

Engineering measures Refer to protective measures listed in sections 7 and 8.

Personal protective equipment

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

Hand protection: Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form:	Liquid
Colour:	colourless
Odour:	Pungent
Relative vapour density:	1.150 - 1.170
Water solubility:	completely miscible.
Explosive properties:	Product is not explosive.

9.2 Other Information No further information available

10. Stability and reactivity

10.1 Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2 Chemical stability

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

Conditions to avoid: Heat

10.5 Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6 Hazardous decomposition products

Haz decomp.products: In combustion emits toxic fumes.

11. Toxilogical Information

11.1 Information on toxilogical effects

Effect	Route	Basis
Corrosivity	OPT INH DRM	Hazardous: calculated

Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact: Corneal burns may occur. May cause permanent damage.

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

Sensitization: No further information available

Carcinogenic No further information available
Mutagenic No further information available

12. Ecological Information

12.1 Toxicity
Ecotoxicity values: Not applicable

12.2 Persistence and degradability
Persistence: Biodegradable.
Biodegradability: No further information available

12.3 Bioaccumlative potential
Bioaccumulative potential: No bioaccumulation potential

12.4 Mobility in soil
Mobility: Readily absorbed into soil.

12.5 Results of PBT and PvB assessment
Remarks: This substance is not identified as a PBT substance

12.6 Other adverse effects
Other adverse effects: Negligible ecotoxicity

13. Disposal Considerations

13.1 Waste treatment methods
-Disposal should be in accordance with local, state or national legislation
-Do not reuse empty containers without commercial cleaning or reconditioning
-Do not discharge into drains or the environment ,dispose to an authorised waste collection point

Classification

Waste Codes in accordance with the European Waste catalogue (EWC) are origin-defined. Since this product is used in several industries, no Waste Code can be provided by the supplier. The Waste Code should be determined in arrangement with your waste disposal partner or the responsible authority

14. Transport Information

14.1 UN Number UN3264

14.2 UN proper shipping name CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (PHOSPHORIC ACID; HYDROCHLORIC ACID)

14.3 Transport hazard class(es)

Class	8
Classification Code	C1
Hazard label	8
Transport Category	1
Tunnel Code	E
LQ	5 litres

14.4 Packaging Group III

14.5 Environmental hazards

Environmentally hazardous:	No
Marine Pollutant:	No

14.6 Special precautions for user

Note: No information available

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

Note: No information available

15. Regulatory information

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

15.2 Chemical Safety Assessment

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

16. Other information

Full text of H-statements referred to under sections 2 and 3

H314	Causes severe skin burns and eye damage
H335	May cause respiratory irritation

Further information

Restricted to professional users. Attention - Avoid exposure- obtain special instructions before use

This information is believed to be accurate and represents the best information currently available to us. However, we make no warranty or merchantability, or fitness for any particular use, or any other warranty, express or implied, with respect to this information, and we assume no liability resulting from use of this information Users should make their own investigations to determine the suitability of the information for their particular needs and uses.

▌Indicates updated section.