

Slatted CoverKleen

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

1.1 Product Identifier

Trade Name: Slatted CoverKleen

1.2 Relevant Identified uses of the substance or mixture and uses advised against

Uses: Concentrated cleaning agent for slatted covers on swimming pools.

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) 1242 300271 (outside of office hours)

2. Hazard Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Skin Corr. 1A: H314
Eye Dam. 1 H318
STOT SE 3 H335
Aquatic Chronic 1 H410
Aquatic Acute 1 H400

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 toxicological information
Physical & Chemical Hazards: See section 9 for physicochemical information
Potential environmental effects: See section 12 for environmental information

2.2 Label elements

Hazard statements: H314: Causes severe skin burns and eye damage.
H318: Causes serious eye damage.
H335: May cause respiratory irritation.
H410: Very toxic to aquatic life with long lasting effects.

Signal words: Danger

Hazard pictograms: GHS05: Corrosion
GHS07: Exclamation mark
GHS09: Environmental



2. Hazard Identification**2.2 Label elements**

Precautionary statements: P102: Keep out of reach of children
 P260: Do not breathe mist/vapours/spray.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
 P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P501: Dispose of contents/container in accordance with national regulations.

Hazardous components which must be listed on the label Hydrochloric Acid

2.3 Other Hazards

Other Hazards **PBT:** This product is not identified as a PBT/vPvB substance.

3. Composition/information on ingredients**3.2 Mixtures**

Hazardous ingredients:

HYDROCHLORIC ACID

EINECS	CAS	PBT / WEL	CLP Classification	Percent
231-595-7	7647-01-0	-	Skin Corr. 1B: H314; STOT SE 3: H335	10-30%

ORTHOPHOSPHORIC ACID

231-633-2	7664-38-2	-	Skin Corr. 1B: H314	1-10%
-----------	-----------	---	---------------------	-------

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C8-18-ALKYLDIMETHYL, CHLORIDES

264-151-6	63449-41-2	-	Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400	1-10%
------------------	------------	---	--	-------

Contains: Mixture of listed substances with non hazardous additions.

4. First Aid measures**4.1 Description of first aid measures**

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.

Eye contact: Check for and remove any contact lenses. Open eyes wide apart. Rinse opened eye with plenty of water for at least 15 minutes. Get medical attention.

Ingestion: Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink 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.

Inhalation: 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.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

4. First Aid measures

4.2 Most important symptoms and effects, both acute and delayed

- Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur
- Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.
- Delayed / immediate effects: Immediate effects can be expected after short-term exposure

4.3 Indication of immediate medical attention and special treatment needed

Immediate / special treatment: Eye bathing equipment should be available on the premises.

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

5.2 Special hazards arising from the substance or mixture

Exposure hazards: Corrosive. 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

6. Accidental release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions: 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: 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

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

7.2 Conditions for safe storage, including any incompatibilities.

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

7.3 Specific end uses

Specific end uses: No data available.

8. Exposure control/personal protection**8.1 Control parameters**

Hazardous ingredients:

HYDROCHLORIC ACID...100%

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min.STEL	8 hour TWA	15 min.STEL
UK	2 mg/m ³	8 mg/m ³	-	-

ORTHOPHOSPHORIC ACID...100%

UK	1 mg/m ³	2 mg/m ³	-	-
----	---------------------	---------------------	---	---

DNEL/PNEC.

No data available

8.2 Exposure controls**Personal protective equipment**

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

Impermeable gloves.

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:

Pale brown

Odour:

Irritating odour

Solubility in water:

Miscible

Relative Density:

1.12

9.2 Other Information

Other Information

No data available

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**

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. Toxicological Information**11.1 Information on toxicological effects****Toxicity values:**

Route	Species	Test	Value	Units
ORAL	MUS	LD50	900	mg/kg

Hazardous Ingredients:

ORTHOPHOSPHORIC ACID...100%

Route	Species	Test	Value	Units
ORL	RAT	LD50	1530	mg/kg

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C8-18-ALKYLDIMETHYL, CHLORIDES

Route	Species	Test	Value	Units
IVN	MUS	LD50	>5000	mg/kg
ORL	MUS	LD50	795	mg/kg

Relevant effects for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

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

12. Ecological Information**12.1 Toxicity****Hazardous ingredients:**

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES

DAPHNIA	48H EC50	0.016	mg/l
GREEN ALGA (Selenastrum capricornutum)	48H EC50	0.02	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	0.85	mg/l

12.2 Persistence and degradability

Persistence and degradability: No data available

12.3 Bioaccumulative potential

Remarks: No data available

12.4 Mobility in soil

Remarks: Readily absorbed into soil.

12.5 Results of PBT and PvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance

12.6 Other adverse effects

Other adverse effects: Negligible ecotoxicity

13. Disposal Considerations**13.1 Waste treatment methods**

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

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

14. Transport Information**14.1 UN Number**

UN Number UN3264

14.2 UN proper shipping nameShipping Name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
(HYDROCHLORIC ACID; QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-
ALKYLDIMETHYL, CHLORIDES)**14.3 Transport hazard class(es)**

Transport class: 8

14.4 Packing Group

Packing Group II

14.5 Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: yes

14.6 Special precautions for user

Special precautions: Warning: Corrosive substances

Tunnel code: E

Transport category: 2

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

Transport in bulk: Not applicable

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

Specific regulations: Not applicable.

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

16. Other information

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

Phrases used in s.2 and s.3:	H302	Harmful if swallowed.
	H312	Harmful in contact with skin.
	H314	Causes severe skin burns and eye damage
	H318:	Causes serious eye damage.
	H331	Toxic if inhaled.
	H335:	May cause respiratory irritation.
	H410:	Very toxic to aquatic life with long lasting effects.

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.