

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: Slatted Cover Cleaner

Restrictions: At this time we do not yet have information on identified restrictions

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

Hazard Class	Hazard Category	Target Organs	Hazard Statements
Skin Irrit	Category 2		H315
Eye Irrit	Category 2		H319
Respiratory Irritation	Category 3		H335
May cause drowsiness or dizziness			H336

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

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Hazard Symbol/Category of danger	Risk phrases
Irritant (Xi)	R36
Corrosive	R34

For the full text of the R phrases 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 toxicological information.
Potential environmental effects:	See section 12 for toxicological information.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard symbols:



Signal word:

Warning

Hazard statements:

H315 Causes skin irritaton
H319 Causes serious eye irritation
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness

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2. Hazard Identification...cont

Precautionary statements:

Prevention P102 Keep out of reach of children
P103 Read label before use
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.

Response

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.
P304+340 IF INHALED: Remove victim to fresh air and keep at rest in position comfortable for breathing.

Storage P401 Store in accordance with local/regional/national/international regulations

Hazardous components which must be listed on the label

Hydrogen chloride

2.3 Other Hazards

No other information is available.

3. Composition/information on ingredients

3.1 Substances

Chemical nature: Aqueous solution

Chemical Name	CAS No:	EC No:	Amount %
Hydrogen chloride	7647-01-0	231-595-7	10 - 25%
Phosphoric acid	7664-38-2	231-633-2	2.5 - 10%

4. First Aid measures

4.1 Description of first aid measures

General Advice: Show this safety data sheet to the doctor in attendance.

If inhaled: Remove victim immediately from source of exposure. Move the exposed person to fresh air at once. Get medical attention. Dust may irritate throat and cause coughing.

In case of skin contact: Remove affected person from source of contamination. Remove contaminated clothing. Get medical attention if irritation persists after washing. Wash skin thoroughly with soap and water for several minutes.

In case of eye contact: Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention

If swallowed: Immediately rinse mouth and drink plenty of water. Get medical attention if any discomfort continues. Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: No further information available.

Effects: No further information available.

4.3 Indication of immediate medical attention and special treatment needed

Treatment Treat Symptomatically.

5. Fire fighting measures

5.1 Extinguishing media:

Suitable extinguishing media: Use extinguishing measures that are appropriate and local, circumstances and the surrounding environment.

Unsuitable extinguishing media: No information available.

5.2 Special hazards arising from the substance or mixture

Specific Hazards during fire May decompose in a fire giving off toxic fumes.

5.3 Advice for fire-fighters

Special protective equipment In the event of fire, wear self-contained breathing apparatus. Wear appropriate body protection (full protective suit).

Further Information: Collect contaminated fire extinguishing water separately. Keep run-off water out of sewers and water sources. Dike for water control.

6. Accidental release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions: Use personal protective equipment. Provide adequate ventilation. Avoid contact with skin and eyes. Do not breath vapours or spray mist. For personal protection see section 8.

6.2 Environmental precautions

Environmental precautions: Do not allow to penetrate the ground/soil. Do not allow to enter sewers/surface or ground water
Local authorities should be advised if significant spillages cannot be contained.

6.3 Methods and materials for containment and cleaning up

Methods and materials for clean up: Use mechanical handling equipment. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders) Keep in suitable, closed containers for disposal.

Further information Treat recovered material as described in the section "Disposal considerations"

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: Keep container tightly closed. Use personal protective equipment. Avoid contact with the skin and the eyes. Do not breathe vapours or spray mist. Emergency eye wash fountains and emergency showers should be available in the immediate vicinity. Do not mix with other chemical formulations in their concentrated form.

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.

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9. Physical and chemical properties**9.1 Information on basic physical and chemical properties**

pH @ 20°C:	<1	5 g/l	20 ° C
Melting point:	Currently we do not have any information from our supplier about this.		
Boiling point:	100°C		
Flash point:	Currently we do not have any information from our supplier about this.		
Evaporation rate:	Currently we do not have any information from our supplier about this.		
Flammability (solid, gas)	Currently we do not have any information from our supplier about this.		
Upper explosion limit:	Currently we do not have any information from our supplier about this.		
Lower explosion limit:	Currently we do not have any information from our supplier about this.		
Vapour pressure:	<0.000001hPa		
Relative vapour density:	Currently we do not have any information from our supplier about this.		
Density @ 20°C:	1.1 g/cm ³		
Water solubility:	Fully miscible		
Partition coefficient:n-octanol/water:			
Ignition temperature:	Currently we do not have any information from our supplier about this.		
Thermal decomposition:	Currently we do not have any information from our supplier about this.		
Viscosity, kinematic:	Currently we do not have any information from our supplier about this.		
Explosive properties:	Currently we do not have any information from our supplier about this.		
Oxidising properties:	Currently we do not have any information from our supplier about this.		

9.2 Other Information

No further information available

10. Stability and reactivity**10.1 Reactivity**

Advice: Currently we do not have any information from our supplier about this.

10.2 Chemical stability

Advice: No decomposition if stored and applied as directed.
No further information available.

10.3 Possibility of hazardous reactions

Hazardous reactions: None reasonably foreseeable

10.4 Conditions to avoid

Conditions to avoid Heat

10.5 Incompatible materials

Materials to avoid Strong bases
Strong oxidising agents
Finely Powdered metals
Do not mix with other chemical formulations in their concentrated form

10.6 Hazardous decomposition products

Hazardous decomposition products: Phosphorus oxides (P205)
Hydrogen chloride (HCl)

Trade Name: Slatted Cover Cleaner

11. Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity

Oral

Value type	LD50	Value	900 mg/kg	Species	rabbit
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Corrosive

on the skin: Caustic effect on skin and mucous membranes

on the eye: Strong caustic effect

Sensitization: No further information available

Carcinogenic No further information available

Mutagenic No further information available

Further Information:

Ingestion: Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of the esophagus and stomach.

12. Ecological Information

12.1 Toxicity No data available

12.2 Persistence and degradability

Persistence: No data available

Biodegradability: 100%

12.3 Bioaccumulative potential

Remarks: No data available

12.4 Mobility in soil

Remarks: No data available

12.5 Results of PBT and PvB assessment

Remarks: Currently we do not have any information from our supplier about this.

12.6 Other adverse effects

Remarks: Water hazard Class 1 (German regulation)(self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities to reach ground water, water course or sewage system
Must not reach sewage water or drain/ditch undiluted or unneutralized

13. Disposal Considerations

13.1 Waste treatment methods

Product: Disposal together with normal waste is not allowed. Special disposal is required according to local regulations. Do not let product enter drains. Contact waste disposal services.

Contaminated packaging: Empty contaminated packaging thoroughly. They can be re-cycled after thorough and proper cleaning. Packaging that cannot be cleaned is to be disposed of in the same manner as the product

European Waste Catalogue No: No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

Trade Name: Slatted Cover Cleaner

14. Transport Information

14.1 UN Number	3264
14.2 UN proper shipping name	3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (HYDROCHLORIC ACID)
14.3 Transport hazard class(es)	
Class	8
Classification Code	8
Hazard label	80
Transport Category	2
Tunnel Code	E
IMDG	F-A, S-B
Special Marking	
14.4 Packaging Group	II
14.5 Environmental hazards	
Environmentally Hazardous	No
Marine Pollutant	No
14.6 Special precautions for user	No further information available
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not dangerous according to the above specifications

15. Regulatory information

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

EU Directives

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive.

1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive

76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved code of practise

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

Guidance Notes

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

15.2 Chemical Safety Assessment

Currently we do not have any information from our supplier about this.

16. Other information

Full text of R-phrases referred to under sections 2 and 3

R34 Causes burns
R36 Irritating to eyes

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

H315 Causes skin irritaton
H319 Causes serious eye irritation
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness

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.

• Abbreviations and acronyms:

ADR: Accord europeen sur le transport des marchandises dangereuse par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Reglement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR Dangerous goods Regulations by the 'International Air Transport Association' (IATA)
ICAO: International Civil Aviation Organization
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS European Inventory of Existing Commercial Chemical Substances.
CAS: Chemicals Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

Revision	Date	By	Amendment
1	18/10/10	Linda Brueford	
2	08/0211	Linda Brueford	GHS label elements added and other minor editorial amendments
3	21/12/11	Linda Brueford	Updated to 2011 European requirements