



Tile & Liner Cleaner

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

- 1.1 Product Identifier** Tile & Liner Cleaner
- 1.2 Relevant Identified uses of the substance or mixture and uses advised against**
Uses: Tile and Liner Cleaner for the removal of waterline deposits in 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) 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 |
|--------------|-------------------|
| Acute Tox 4. | H302 |
| Skin Corr 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 toxicological 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: H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage
- Precautionary statements:
P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P260: Do not breathe dust/fumes/gas/mist/vapours/spray.
P270: Do not eat, drink or smoke when using this product.
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): Remove/Take off immediately all contaminated clothing. Rinse skin with water
P305+351+338: IF IN EYES: Rinse continuously 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** Phosphoric Acid & Hydrochloric Acid

2. Hazard Identification**2.3 Other Hazards**

PBT: This product is not identified as a PBT substance

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

A mixture of the chemicals listed below with non-hazardous additions

CAS No:	EC No:	Amount %	CLP
ETHYLENE GLYCOL MONOBUTYL ETHER			
111-76-2	203-902-0	10-30%	Acute Tox 4 ; 302/312 : Skin Irrit. H315: Eye Irrit.2 H315: Acute Tox H332
PHOSPHORIC ACID			
7664-38-2	231-633-2	10-30%	Skin Corr. 1B H314
FATTY ALCOHOL POLYETHYLENE GLYCOL ETHER			
68439-45-2		10-30%	Acute Tox.4 H302 ; Eye Dam.1 H318
HYDROCHLORIC ACID			
7647-01-0	231-595-7	1 - 10%	Skin Irrit 2. H315; Eye Irrit 2 H319; STOT SE 3. H335

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: In case of accident by inhalation; remove casualty to fresh air and keep at rest. Consult a doctor

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. Consult a doctor.

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. Consult a doctor

If swallowed: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor

4.2 Most important symptoms and effects, both acute and delayed

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

In case of skin contact: There may be irritation and redness at the site of contact.

In case of eye contact: There may be irritation and redness. The eyes may water profusely

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

4.3 Indication of immediate medical attention and special treatment needed

Treatment Treat symptomatically and supportively

5. Fire fighting measures

- 5.1 Extinguishing media:**
 Extinguishing media: Use fire-extinguishing media appropriate for surrounding materials. Use water spray to cool containers.
- 5.2 Special hazards during fire:**
 Special hazards : In combustion emits toxic fumes
- 5.3 Advice for firefighters**
 Advice for firefighters 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: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. 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**
 Cleaning up: 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**
 See Section 7 for information on safe handling
 See Section 8 for information on personal protection equipment
 See Section 13 for disposal information

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.
- 7.2 Conditions for safe storage, including any incompatibilities.**
 Requirements for storage: Store in cool, well ventilated area. Keep container tightly closed
- 7.3 Specific end uses**
 No data available

8. Exposure control/personal protection

8.1 Control parameters

ETHYLENE GLYCOL MONOBUTYL ETHER					
Basis:	List	Time	Value Type	Value	Measure
UK	EH40 WEL	15 min	STEL	50	ppm
UK	EH40 WEL	8 hours		25	ppm
PHOSPHORIC ACID					
UK	EH40 WEL	15 min	STEL	2	mg ³
UK	EH40 WEL	8 hours		1	mg ³
HYDROCHLORIC ACID					
UK	EH40 WEL	15 min	STEL	8	mg ³
UK	EH40 WEL	8 hours		-	mg ³

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

DNEL /PNEC	No data available
------------	-------------------

8.2 Exposure controls

Engineering measures	Ensure there is sufficient ventilation of the area
-----------------------------	--

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	Safety glasses. Ensure eye bath is to hand
----------------	--

Skin and body protection	Impermeable protective clothing
--------------------------	---------------------------------

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

Form:	Liquid
Colour:	Colourless
Odour:	Pleasant

pH @ 20°C:	<2
------------	----

Density @ 20°C:	1.110
-----------------	-------

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

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

Incompatible materials	Strong oxidising agents. Strong acids
------------------------	---------------------------------------

10.6 Hazardous decomposition products

Haz. Decomp. products	In combustion emits toxic fumes.
------------------------------	----------------------------------

Other Information

Do not mix with other chemical formulations in their concentrated form
--

11. Toxicological Information

11.1 Information on toxicological effects

Hazardous ingredients:

ETHYLENE				
Route	Species	Test	Value	Units
IVN	Rat	LD50	307	mg/kg
Oral	Mus	LD50	1,230	mg/kg
Oral	Rat	LD50	470	mg/kg
PHOSPHORIC ACID				
Oral	Rat	LD50	1,530	mg/kg

Relevant effects for mixture:

Effect	Route	Basis
Acute toxicity (harmful)	INH DRM ING	Hazardous: calculated
Corrosivity	OPT INH DRM	Hazardous: calculated

Symptoms / routes of exposure

on the skin: There may be irritation and redness at the site of contact

on the eye: There may be irritation and redness. The eyes may water profusely

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

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

Ingestion There may be vomiting

Sensitization: not sensitizing

Carcinogenic No information available

Mutagenic No information available

12. Ecological Information

12.1 Toxicity

Toxicity No information available

12.2 Persistence and degradability

Persistence and degradability Biodegradable

12.3 Bioaccumulative potential

Bioaccumulative potential No bioaccumulation potential.

12.4 Mobility in soil

Mobility in soil Readily absorbed into soil.

12.5 Results of PBT and PvB assessment

PBT and PvB This product is not identified as a PBT substance

12.6 Other adverse effects

Remarks: Negligible ecotoxicity.

Trade Name: Tile & Liner Cleaner

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 SOLUTION)
14.3 Transport hazard class(es)	8
14.4 Packaging Group	III
14.5 Environmental hazards	
Environmentally hazardous: No	Marine pollutant: No
14.6 Special precautions for user	See Section 7
	Tunnel Code: E
	Transport category: 3
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	n/a

15. Regulatory information

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

This Safety Data Sheet is provided in compliance with REACH Regulation (EC) No 1907/2006

15.2 Chemical Safety Assessment No information available

16. Other information

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

H302:	Harmful if swallowed.
H312:	Harmful in contact with skin.
H314:	Causes severe skin burns and eye damage.
H315:	Causes skin irritation.
H318:	Causes serious eye damage
H319:	Causes serious eye irritation.
H332:	Harmful if inhaled.
H335:	May cause respiratory irritation

16. Other information

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.

Further information

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

█ Indicates updated section