

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

1.1 Product Identifier

Trade Name: Tile & Liner Cleaner

Chemical Name: Phosphoric Acid

CAS No: 7664-38-2

EC No: 231-633-2

Chemical Name: Propan-2-ol

CAS No: 67-63-0

EC No: 200-661-7

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

Uses: Tile & Liner Cleaner

Restrictions: At this time we do not have information on use 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)

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 Irritant	Category 2		H315
Eye Irritant	Category 2		H319

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 / 38

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 physicochemical information
Potential environmental effects:	See section 12 for environmental information

2. Hazard Identification

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard symbols:



Signal word:

Warning

Hazard statements:

H315

Causes skin irritation

H319

Causes serious eye irritation

Precautionary statements:

Prevention:

P280:

Wear protective gloves/protective clothing/eye protection/face protection

Reponse:

P101

If medical advice is needed, have product or label to hand.

P102

Keep out of reach of children

P103

read label before use

P273

Avoid release to the environment

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

P401

Store in accordance with local/national/ international regulations

P501

Dispose of contents / container in accordance with local/national/international regulations

Hazardous components which must be listed on the label

2.3 Other Hazards

No other information is available

3. Composition/information on ingredients

3.1 Substances

Chemical nature:

Liquid

Chemical Name

CAS No: EC No: Amount %

Phosphoric Acid

7664-38-2 231-633-2 10 - 25%

Propan-2-ol

67-63-0 200-661-7 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:

In case of accident by inhalation; remove casualty to fresh air and keep at rest. If breathing is irregular or stopped, administer artificial respiration.

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

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

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 and supportively

5. Fire fighting measures**5.1 Extinguishing media:**

Suitable extinguishing media: Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media: No further information available

5.2 Special hazards arising from the substance or mixture

Specific Hazards during fire: No further information available

5.3 Advice for firefighters

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

Further Information: Do not inhale explosion gases or combustion gases

6. Accidental release Measures**6.1 Personal precautions, protective equipment and emergency procedures**

Personal Precautions: Use personal protective equipment. Keep people away from and upwind of

6.2 Environmental precautions

Environmental precautions: Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration

6.3 Methods and materials for containment and cleaning up

Methods and materials for containment and cleaning up: 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

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:

Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin and eyes. Emergency eye wash fountains and emergency showers should be available in the immediate vicinity. Do not mix with other products 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 the work day. Take off all contaminated clothing immediately. Provide adequate ventilation. Avoid contact with the skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities.

Requirements for storage areas and containers:

Prevent any seepage into the ground

Advice on protection against fire and explosion:

No special measures required

Advice on common storage:

Store away from oxidisers

German storage class:

No information available

Storage Temperature:

No information available

7.3 Specific end uses

Specific use(s)

Tile & Liner Cleaner

8. Exposure control/personal protection

8.1 Control parameters

Component: Phosphoric Acid

CAS No: 7664-38-2

Regulatory Basis: UK. EH40 Workplace Exposure Limits (WELS)

Regulatory List: EH40 WEL

Value type: Short Term Exposure Limit (STEL)

Value: 2 mg³

Regulatory Basis: UK. EH40 Workplace Exposure Limits (WELS)

Regulatory List: EH40 WEL

Time: 8 hours

Value: 1 mg³

Component: Propan-2-ol

CAS No: 67-63-0

Regulatory Basis: UK. EH40 Workplace Exposure Limits (WELS)

Regulatory List: EH40 WEL

Value type: Short Term Exposure Limit (STEL)

Value: 1250 mg³

Regulatory Basis: UK. EH40 Workplace Exposure Limits (WELS)

Regulatory List: EH40 WEL

Time: 8 hours

Value: 999 mg³

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8. Exposure control/personal protection**8.2 Exposure controls****Engineering measures**

Refer to protective measures listed in sections 7 and 8

Personal protective equipment

Respiratory protection	Advice:	Use respiratory filter device in case of brief or low exposure. Respirator
Hand protection	Advice:	The glove material has to be impermeable and resistant to the product. Take note of the information given by the producer concerning permeability Protective gloves should be replaced at the first sign of wear
Eye protection	Advice:	Tightly fitting safety goggles
Skin and body protection	Advice:	Protective suit

Environmental exposure controls

General advice: Do not allow to penetrate the ground/soil. Do not allow to enter sewers/surface or ground water

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

Form:	Liquid
Colour:	Colourless
Odour:	Mild
Odour Threshold:	Currently we do not have any information from our supplier about this.
pH @ 20°C:	<3
Melting point:	Currently we do not have any information from our supplier about this.
Boiling point:	Currently we do not have any information from our supplier about this.
Flash point:	100°C
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.
Explosion Hazard:	Product does not present an explosion hazard
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

Trade Name: Tile & Liner Cleaner

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

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, Amines, Finely Powdered metals.
Do not mix with other chemical formulations in their concentrated form

10.6 Hazardous decomposition products

Hazardous decomposition products: Carbon monoxide and carbon dioxide, phosphorous compounds

11. Toxicological Information

11.1 Information on toxicological effects

Product: Phosphoric acid

CAS No: 7664-38-2

Acute toxicity Oral

Value type LD50
Value 1530 mg/kg
Species rat

Irritation Skin

Value type LD50
Value 27400 mg/kg
Species: rabbit
Remarks: Irritant skin and mucous membranes

Primary irritant effect:

on the skin: Irritant to Skin
on the eye: Irritant effect.

Sensitization: No sensitizing effects known.

12. Ecological Information

12.1 Toxicity

Component: Phosphoric acid

CAS No: 7664-38-2

12.2 Persistence and degradability

Biogradation: 100%
Exposure time: Currently we do not have any information from our supplier about this.
Remarks: Readily biodegradable

12.3 Bioaccumulative potential

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

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Trade Name: Tile & Liner Cleaner

12. Ecological Information

12.4 Mobility in soil Currently we do not have any information from our supplier about this.

12.5 Results of PBT and PvB Currently we do not have any information from our supplier about this.

12.6 Other adverse effects Currently we do not have any information from our supplier about this.

Additional ecological information

Remarks: Water hazard Class 1 (German regulation)(self-assessment): slightly hazardous for water
Must not reach sewage water or drainage ditch undiluted or unneutralized

13. Disposal Considerations

13.1 Waste treatment methods

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

Contaminated packaging: Empty contaminated packaging's thoroughly. They can be recycled after thorough and proper cleaning. Packagings that cannot be cleaned are 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.

14. Transport Information

14.1 UN Number Not applicable

14.2 UN proper shipping name Not applicable

14.3 Transport hazard class(es) Not applicable

14.4 Packaging Group Not applicable

14.5 Environmental hazards Not applicable

14.6 Special precautions for user Not applicable

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

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).

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

R36/38 Irritating to eyes and skin

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

H315 Causes skin irritation

H319 Causes serious eye irritation

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 européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement 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		Linda Brueford	Created
2	12/07/11	Linda Brueford	GHS label elements added and other minor editorial amendments