

Easy Kleen

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

1.1 Product Identifier EasyKleen

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

Uses: Liquid/Gel cleaner for waterline deposits in spas and hot tubs.

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 Statements**

Eye Dam 1 H318

Skin Irrit 2 H315

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

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:



GHS05:

GHS07:

Hazard statements: H315 Causes skin irritation
H319 Causes serious eye damage

Signal word: Danger

Precautionary statements: P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P103: Read label before use.
P260: Do not breathe dust/fume/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.
P302+352: IF ON SKIN: Wash with plenty of soap and water.
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 local regulations.

2.3 Other Hazards

PBT: This product is not identified as a PBT substance

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

Hazardous Ingredients

EINECS	CAS	PBT / WEL	CLP Classification	%
ETHOXYLATED C9 - C11 ALCOHOLS				
500-446-0	68439-46-3	-	Acute Tox. 4: H302; Eye Dam. 1: H318	1-10%
2-BUTOXYETHANOL				
203-905-0	111-76-2	-	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315	1-10%
TETRAPOTASSIUM PYROPHOSPHATE - REACH registered number(s): 01-2119489369-18-XXXX				
230-785-7	7320-34-5	-	Eye Irrit. 2: H319	1-10%
POTASSIUM HYDROXIDE				
215-181-3	1310-58-3	-	Acute Tox. 4: H302; Skin Corr. 1A: H314	<1%

Contains: Mixture of listed substances with non hazardous additions

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

General Advice: No special measures required

If inhaled: Remove casualty from exposure ensuring one's own safety whilst doing so

In case of skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water

In case of 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.

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

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

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:**

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

5.2 Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3 Advice for fire-fighters

Special protective equipment: 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: 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 the 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 areas and containers: Store in cool, well ventilated area. Keep container tightly closed.

7.3 Specific end uses

No information is available.

8. Exposure control/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring in the workplace:

Workplace exposure limits: Respirable dust

UK	8 hour TWA	15 min. STEL	Respirable dust	
			8 hour TWA	15 min. STEL
2-BUTOXYETHANOL	25ppm	50ppm	-	-
POTASSIUM HYDROXIDE		2 mg/m ³	-	-

DNEL/PNEC Values

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.
 Eye protection Wear safety glasses approved to standard EN 166. Provide eye station
 Skin and body protection Protective clothing.

Environmental exposure controls

General advice: No further information available

Trade Name: Easy Kleen

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form: Liquid
Colour: Blue
Odour: Characteristic
Water solubility: Miscible in all proportions

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 acids. Strong bases. Strong oxidising agents.

10.6 Hazardous decomposition products

Haz. Decomp. products: In combustion emits toxic fumes

11. Toxicological Information

11.1 Information on toxicological effects

Hazardous ingredients:

ETHOXYLATED C9 - C11 ALCOHOLS				
DERMAL	RAT	LD50	>2000	mg/kg
2-BUTOXYETHANOL				
IVN	RAT	LD50	307	mg/kg
ORL	MUS	LD50	1230	mg/kg
ORL	RAT	LD50	470	mg/kg
TETRAPOTASSIUM PYROPHOSPHATE				
DERMAL	RBT	LD50	>2000	mg/kg
ORAL	RAT	LD50	2000	mg/kg
VAPOURS	RAT	4H LC50	0.58	mg/l
POTASSIUM HYDROXIDE				
ORL	RAT	LD50	273	mg/kg

Relevant effects for mixture:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

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 pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage
If swallowed: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur
Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

12. Ecological Information**12.1 Toxicity**

Hazardous ingredients:

ETHOXYLATED C9 - C11 ALCOHOLS

Daphnia magna	48H EC50	>5.3	mg/l
---------------	----------	------	------

12.2 Persistence and degradability

Persistence and degradability Biodegradable.

12.3 Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4 Mobility in soil

Mobility: Readily absorbed into soil.

12.5 Results of PBT and PvB assessment

PBT identification: This product 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 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**Transport class:** This product does not require a classification for transport**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

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

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