

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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Pro-Kleen Swimming Pool Winteriser 5L

Revision 0

Revision date 2017-09-19

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	Pro-Kleen Swimming Pool Winteriser 5L
REACH	ALL INGREDIENTS IN THIS FORMULATION HAVE BEEN REGISTERED (WHERE REQUIRED) FOR APPLICABLE USES.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Description	Aqueous solution.
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1.3. Details of the supplier of the safety data sheet

Company	Pro-Kleen
Address	Tayson House Suite 2-4 Methley Road Castleford WF10 1PA
Web	www.hygienesuppliesdirect.com
Telephone	0800 091 31 71
Email	b2b@hsdonline.co.uk

1.4. Emergency telephone number


Emergency telephone number	0800 091 31 71
Company	Hygiene Supplies Direct Limited NORMAL OFFICE HOURS

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	Xi; R36/38 Symbols: Xi: Irritant.
Main hazards	Irritating to eyes and skin.
2.1.2. Classification - EC 1272/2008	Skin Corr. 1A: H314; Aquatic Chronic 2: H411;

2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
Precautionary Statement: Prevention	P264 - Wash hands thoroughly after handling. P273 - Avoid release to the environment.

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2.2. Label elements

Precautionary Statement: Response Precautionary Statement: Storage Precautionary Statement: Disposal	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
	P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P363 - Wash contaminated clothing before reuse. P391 - Collect spillage.
	P405 - Store locked up.
	P501 - Dispose of contents/container to requirements of local authorities

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
WATER					70 - 80%		
Benzyl C12-18 Alkyldimethyl, Chlorides		68424-85-1	270-325-2	01-2119970550-39	1 - 10%	C; R34 Xn; R21/22 N; R50	
ACETODIPHOSPHONIC ACID 60%		2809-21-4		01-2119510391-53	1 - 10%	C; R34	
DODECYL DIPROPYLENETRIAMINE POLYDIMETHYLSILOXANE EMULSION		2372-82-9	219-145-8	01-2119980592-29	0 - 0.5%	C; R35 Xn; R22-48/22 N; R50	
					0 - 0.5%		

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
WATER					70 - 80%		
Benzyl C12-18 Alkyldimethyl, Chlorides		68424-85-1	270-325-2	01-2119970550-39	1 - 10%	Acute Tox. 4: H302+H312; Skin Corr. 1A: H314; Aquatic Acute 1: H400;	
ACETODIPHOSPHONIC ACID 60%		2809-21-4		01-2119510391-53	1 - 10%	Met. Corr. 1: H290; Eye Dam. 1: H318;	
DODECYL DIPROPYLENETRIAMINE		2372-82-9	219-145-8	01-2119980592-29	0 - 0.5%	Acute Tox. 3: H301; Skin Corr. 1B: H314; STOT RE 2: H373; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;	
POLYDIMETHYLSILOXANE EMULSION					0 - 0.5%		

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.
Eye contact	Irritating to eyes. Risk of serious damage to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

SECTION 5: Firefighting measures

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5.1. Extinguishing media

Carbon dioxide (CO₂).

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment. Adopt best Manual Handling considerations when handling, carrying and dispensing.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

SECTION 8: Exposure controls/personal protection

DNEL: Derived no-effect level.

No data is available on this product.

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Not normally required.

8.2.2. Individual protection measures

Wear suitable protective clothing.

Eye / face protection

Approved safety goggles.

Skin protection - Handprotection

Chemical resistant gloves (PVC).

Respiratory protection

Not normally required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Aqueous solution
Colour	Various
Odour	Mild
pH	1 - 3
Relative density	1.01 - 1.04
Solubility	Soluble in water

SECTION 10: Stability and reactivity

10.2. Chemical stability

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10.2. Chemical stability

Stable under normal conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation

Irritating to eyes. Irritating to skin. Risk of serious damage to eyes.

11.1.4. Toxicological Information

Benzyl C12-18 Alkyldimethyl, Chlorides	Oral Rat LD50: 200-2000mg/kg
DODECYL DIPROPYLENETRIAMINE	Oral Rat LD50: 871mg/kg

SECTION 12: Ecological information

12.1. Toxicity

DODECYL DIPROPYLENETRIAMINE	Fish LC50/96h: 0.5000 mg/l	Algae EC50/72h: .05
	Daphnia LC50/48h: .05	

12.2. Persistence and degradability

DETERGENTS IN THIS FORMULATION ARE >90% BIODEGRADABLE. Inorganic materials are inherently not biodegradable however those present in this formulation/product are either of no known significant environmental hazard or are readily neutralised to form inert salts. More than 90% biodegradable.

12.3. Bioaccumulative potential

No data is available on this product.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

14.1. UN number

The product is not classified as dangerous for carriage.

14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

14.4. Packing group

The product is not classified as dangerous for carriage.

14.5. Environmental hazards

The product is not classified as dangerous for carriage.

14.6. Special precautions for user

The product is not classified as dangerous for carriage.

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

The product is not classified as dangerous for carriage.

Further information

The product is not classified as dangerous for carriage.

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

Regulations	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on 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. 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.
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15.2. Chemical safety assessment

	No chemical Safety assessment has been carried out by the supplier.
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SECTION 16: Other information**Other information**

Text of risk phrases in Section 3	R21/22 - Harmful in contact with skin and if swallowed. R22 - Harmful if swallowed. R34 - Causes burns. R35 - Causes severe burns. R48/22 - Harmful: danger of serious damage to health by prolonged exposure if swallowed. R50 - Very toxic to aquatic organisms.
Text of Hazard Statements in Section 3	Met. Corr. 1: H290 - May be corrosive to metals. Eye Dam. 1: H318 - Causes serious eye damage. Acute Tox. 3: H301 - Toxic if swallowed. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure. Aquatic Acute 1: H400 - Very toxic to aquatic life. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
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