

# SAFETY DATA SHEET

according to Regulation (EU) 2015/830

Page 1/5

## Pro-Kleen ScaleStop Hot Tub & Spa Descaler 5L - Limescale Removal & Prevention Inhibitor

Revision 1

Revision date 2017-02-21

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

#### 1.1. Product identifier

Product name	Pro-Kleen ScaleStop Hot Tub & Spa Descaler 5L - Limescale Removal & Prevention Inhibitor
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.
-------------	-------------------

#### 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.hygiensuppliesdirect.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	C; R34 Symbols: C: Corrosive.
Main hazards	Causes burns.
2.1.2. Classification - EC 1272/2008	Eye Dam. 1: H318;

#### 2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Eye Dam. 1: H318 - Causes serious eye damage.
Precautionary Statement: Prevention	P102 - Keep out of reach of children. P280 - Wear protective gloves/protective clothing/eye protection/face protection.

# Pro-Kleen ScaleStop Hot Tub & Spa Descaler

## 5L - Limescale Removal & Prevention Inhibitor

 Revision 1  
 Revision date 2017-02-21

### 2.2. Label elements

<b>Precautionary Statement: Response</b>	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention.
--	--

### 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					80 - 90%		
ACETODIPHOSPHONIC ACID 60%		2809-21-4		01-2119510391-53-0002	1 - 10%	C; R34	
BLOCK COPOLYMER OF PROPYLENE AND ETHYLENE OXIDES		69227-21-0			1 - 10%		
ALCOHOL ETHOXYLATE		68439-46-3			0.5 - 1%	Xn; R22 Xi; R41	
PERFUME					0 - 0.5%		
DYE					0 - 0.5%		

##### EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
WATER					80 - 90%		
ACETODIPHOSPHONIC ACID 60%		2809-21-4		01-2119510391-53-0002	1 - 10%	Met. Corr. 1: H290; Eye Dam. 1: H318;	
BLOCK COPOLYMER OF PROPYLENE AND ETHYLENE OXIDES		69227-21-0			1 - 10%		
ALCOHOL ETHOXYLATE		68439-46-3			0.5 - 1%	Acute Tox. 4: H302; Eye Dam. 1: H318;	
PERFUME					0 - 0.5%		
DYE					0 - 0.5%		

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	No Significant Hazard.
<b>Eye contact</b>	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
<b>Skin contact</b>	Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. May cause irritation to skin.
<b>Ingestion</b>	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

### SECTION 5: Firefighting measures

#### 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

# Pro-Kleen ScaleStop Hot Tub & Spa Descaler 5L - Limescale Removal & Prevention Inhibitor

Revision 1  
Revision date 2017-02-21

## 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	No safety clothing required.
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
Solubility	Soluble in water

## SECTION 10: Stability and reactivity

### 10.2. Chemical stability

	Stable under normal conditions.
--	---------------------------------

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Skin corrosion/irritation	May cause irritation to skin. Risk of serious damage to eyes.
---------------------------	---

## SECTION 12: Ecological information

### 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
--	--

# Pro-Kleen ScaleStop Hot Tub & Spa Descaler 5L - Limescale Removal & Prevention Inhibitor

Revision 1  
Revision date 2017-02-21

## 12.2. Persistence and degradability

known significant environmental hazard or are readily neutralised to form inert salts.

## 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.

## 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.

### 15.2. Chemical safety assessment

No chemical Safety assessment has been carried out by the supplier.

## SECTION 16: Other information

### Other information

#### Revision

This document differs from the previous version in the following areas:  
2 - Precautionary Statement: Response.

# Pro-Kleen ScaleStop Hot Tub & Spa Descaler 5L - Limescale Removal & Prevention Inhibitor

Revision 1  
Revision date 2017-02-21

## Other information

Text of risk phrases in Section 3	12 - 12.1. Toxicity.
	R22 - Harmful if swallowed. R34 - Causes burns. R41 - Risk of serious damage to eyes.
	Text of Hazard Statements in Section 3

## 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.
--	--