

# SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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## Pro-Kleen 5 Litres Hygienic Whirlpool Bath - Jacuzzi - Hot Tub Cleaner

Revision 2

Revision date 2018-12-11

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

#### 1.1. Product identifier

Product name	Pro-Kleen 5 Litres Hygienic Whirlpool Bath - Jacuzzi - Hot Tub Cleaner
REACH	ALL INGREDIENTS IN THIS FORMULATION HAVE BEEN REGISTERED (WHERE REQUIRED) FOR APPLICABLE USES.

#### 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@hsonline.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

2.1.2. Classification - EC 1272/2008	Skin Irrit. 2: H315; Eye Dam. 1: H318;
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#### 2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Skin Irrit. 2: H315 - Causes skin irritation. Eye Dam. 1: H318 - Causes serious eye damage.
Precautionary Statement: Prevention	P264 - Wash hands thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P302+P352 - IF ON SKIN: Wash with plenty of water/ . 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.

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## 2.2. Label elements

<b>Precautionary Statement: Disposal</b>	P501 - Dispose of contents/container to rEQUIREMENTS OF LOCAL AUTHORITIES
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## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
WATER					80 - 90%	
LACTIC ACID		79-33-4	201-196-2	01-2119474164-39	1 - 10%	Skin Irrit. 2: H315; Eye Dam. 1: H318;
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7	01-2119457558-25 -XXXX	1 - 10%	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;
DDBSA		85536-14-7			1 - 10%	Acute Tox. 4: H302; Skin Corr. 1A: H314; Aquatic Chronic 3: H412;
BLOCK COPOLYMER OF PROPYLENE AND ETHYLENE OXIDES		69227-21-0			0.5 - 1%	

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.
<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>	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
<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).
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### 5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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### 5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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## 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.
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### 6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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### 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.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

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## 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

### 8.1. Control parameters

#### 8.1.1. Exposure Limit Values

Isopropanol (Propan-2-ol)	WEL 8-hr limit ppm:	400	WEL 8-hr limit mg/m3:	999
	WEL 15 min limit ppm:	500	WEL 15 min limit mg/m3:	1250
	WEL 8-hr limit mg/m3 total	-	WEL 15 min limit mg/m3 total	-
	inhalable dust:		inhalable dust:	
	WEL 8-hr limit mg/m3 total	-	WEL 15 min limit mg/m3 total	-
	respirable dust:		respirable dust:	

#### 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	Not normally 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	Characteristic
pH	1 - 2
Relative density	1.01 - 1.03
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	Irritating to eyes and skin.
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#### 11.1.4. Toxicological Information

LACTIC ACID	Oral Rat LD50: 3,543	Dermal Rabbit LD50: 2000
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## SECTION 12: Ecological information

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## 12.1. Toxicity

LACTIC ACID	Daphnia EC50/48h: 130.0000 mg/l	Bluegill sunfish LC50/96h: 130
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## 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.
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## 12.3. Bioaccumulative potential

	No data is available on this product.
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## SECTION 13: Disposal considerations

### General information

	Dispose of in compliance with all local and national regulations.
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## SECTION 14: Transport information

### 14.1. UN number

	The product is not classified as dangerous for carriage.
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### 14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
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### 14.3. Transport hazard class(es)

Subsidiary risk	The product is not classified as dangerous for carriage.
	ADR/RID, Not applicable. IMDG, Not applicable. IATA, Not applicable. This product is readily biodegradable.

### 14.4. Packing group

	The product is not classified as dangerous for carriage.
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### 14.5. Environmental hazards

	The product is not classified as dangerous for carriage.
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### 14.6. Special precautions for user

	The product is not classified as dangerous for carriage.
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### 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.
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### Further information

	The product is not classified as dangerous for carriage.
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## SECTION 15: Regulatory information

### 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

Revision	This document differs from the previous version in the following areas:. 2 - 2.1. Classification of the substance or mixture. 2 - 2.1.2. Classification - EC 1272/2008. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Storage. 2 - Precautionary Statement: Disposal. 12 - 12.1. Toxicity.
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## Other information

<b>Text of Hazard Statements in Section 3</b>	<p>15 - Labelling. 15 - Hazard Statement. 15 - Safety phrases.</p> <hr/> <p>Skin Irrit. 2: H315 - Causes skin irritation. Eye Dam. 1: H318 - Causes serious eye damage. Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H336 - May cause drowsiness or dizziness. Acute Tox. 4: H302 - Harmful if swallowed. Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.</p>
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## Further information

	<p>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.</p>
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