

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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Pro-Kleen Washing Machine Cleaner and Descaler - 50 Treatments - Removes Smells Caused by Mould, Mildew & Damp & Grease

Revision 0
Revision date 2018-01-22

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

1.1. Product identifier	
Product name REACH	Pro-Kleen Washing Machine Cleaner and Descaler - 50 Treatments - Removes Smells Caused by Mould, Mildew & Damp & Grease 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	Acids. Aqueous solution.
1.3. Details of the supplier of the safety data sheet	
Company Address Web Telephone Email	Pro-Kleen Tayson House Suite 2-4 Methley Road Castleford WF10 1PA www.hygiensuppliesdirect.com 0800 091 31 71 b2b@hsdonline.co.uk
1.4. Emergency telephone number	
Emergency telephone number Company	0800 091 31 71 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; Aquatic Chronic 3: H412;
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. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Precautionary Statement: Prevention	P264 - Wash hands thoroughly after handling. P273 - Avoid release to the environment. 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

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2.2. Label elements

Precautionary Statement: Storage	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.
	P405 - Store locked up.
	P501 - Dispose of contents/container to requirements of local authorities

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					70 - 80%	
LACTIC ACID		79-33-4	201-196-2	01-2119474164-39	1 - 10%	Skin Irrit. 2: H315; Eye Dam. 1: H318;
Benzyl C12-18 Alkyldimethyl, Chlorides		68424-85-1	270-325-2	01-2119970550-39-0000	1 - 10%	Acute Tox. 4: H302+H312+H332; Skin Corr. 1A: H314; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;
CITRIC ACID		5949-29-1	201-069-1		1 - 10%	Eye Irrit. 2: H319;
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			0.5 - 1%	

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. 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

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

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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

	Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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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.
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SECTION 8: Exposure controls/personal protection

DNEL: Derived no-effect level.

	No data is available on this product.
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8.2. Exposure controls

8.2.1. Appropriate engineering controls

	Not normally required.
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8.2.2. Individual protection measures

	Wear suitable protective clothing.
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Eye / face protection

	Approved safety goggles.
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Skin protection - Handprotection

	Chemical resistant gloves (PVC).
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Respiratory protection

	Not normally required.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Aqueous solution
Colour	Various
Odour	Mild
pH	2 - 3
Relative density	1.025 - 1.045
Solubility	Soluble in water

SECTION 10: Stability and reactivity

10.2. Chemical stability

	Stable under normal conditions.
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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.
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11.1.4. Toxicological Information

Benzyl C12-18 Alkyldimethyl, Chlorides	Oral Rat LD50: 200-2000mg/kg
LACTIC ACID	Oral Rat LD50: 3,543 Dermal Rabbit LD50: 2000

SECTION 12: Ecological information

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12.1. Toxicity

CITRIC ACID	Fish LC50/96h: 500.000 mg/l
LACTIC ACID	Daphnia EC50/48h: 130.0000 mg/l Bluegill sunfish LC50/96h: 130

12.2. Persistence and degradability

	DETERGENTS IN THIS FORMULATION ARE >90% BIODEGRADABLE.
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12.3. Bioaccumulative potential

	No data is available on this product.
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Further information

	Toxic to aquatic organisms.
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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)

	The product is not classified as dangerous for carriage.
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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

15.1. 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.

SECTION 16: Other information

Other information

Text of Hazard Statements in Section 3	
	<p>Skin Irrit. 2: H315 - Causes skin irritation.</p> <p>Eye Dam. 1: H318 - Causes serious eye damage.</p> <p>Acute Tox. 4: H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled</p> <p>Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.</p> <p>Aquatic Acute 1: H400 - Very toxic to aquatic life.</p> <p>Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation.</p> <p>Met. Corr. 1: H290 - May be corrosive to metals.</p>

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.