

**SAFETY DATA SHEET****PLF 645BC/5 PRIVATE LABEL BACTERICIDAL CLEANER 754920****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

**Product name** PLF 645BC/5 PRIVATE LABEL BACTERICIDAL CLEANER 754920

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

**Identified uses** Cleaning agent

**1.3. Details of the supplier of the safety data sheet**

**Supplier** STAPLES CHEMICALS  
NEVILLE HOUSE  
BEAUMONT ROAD,  
BANBURY,  
OXON OX16 1RB  
01295 251721  
01295 269561  
sales@cleenol.co.uk

**1.4. Emergency telephone number**

**Emergency telephone** Emergency contact number 01295 251721 (9am to 5pm Monday to Friday excluding bank holidays). Ask for Technical Department quoting the product name. Outside of these hours please contact your doctor or local hospital accident and emergency department or the NHS enquiry service (dial 111) quoting product name and present this MSDS advising them that the product is registered with the National Poisons Information Service

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification (EC 1272/2008)**

**Physical hazards** Not Classified  
**Health hazards** Skin Irrit 2 - H315 Eye Irrit 2 - H319  
**Environmental hazards** Aquatic Chronic 3 - H412

**Classification (67/548/EEC or 1999/45/EC)** Xi;R36.

**2.2. Label elements**

**Pictogram**



**Signal word** Warning

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<b>Hazard statements</b>	H315 Causes skin irritation. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.
<b>Precautionary statements</b>	P264 Wash contaminated skin thoroughly after handling. P273 Avoid release to the environment P280 Wear protective gloves/protective clothing/eye protection/face protection. 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. P321 Specific treatment (see medical advice on this label). P332+P313 If skin irritation occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P501 Dispose of contents/container in accordance with national regulations.

### 2.3. Other hazards

**Other Hazards** None

### SECTION 3: Composition/Information on Ingredients

#### 3.2. Mixtures

<b>FATTY ALCOHOL ETHOXYLATE</b>		<b>1-5%</b>
CAS number: 160901-19-9		
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Acute Tox. 4 - H302	Xn;R22. Xi;R41.	
Eye Dam. 1 - H318		
<b>BENZALKONIUM CHLORIDE</b>		<b>1-5%</b>
CAS number: 68424-85-1		
M factor (Acute) = 10	M factor (Chronic) = 1	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Met. Corr. 1 - H290	Xn;R21/22. C;R34. N;R50.	
Acute Tox. 4 - H312		
Skin Corr. 1B - H314		
Eye Dam. 1 - H318		
Aquatic Acute 1 - H400		
Aquatic Chronic 1 - H410		
<b>POTASSIUM HYDROXIDE</b>		<b>&lt;1%</b>
CAS number: 1310-58-3	EC number: 215-181-3	REACH registration number: 01-2119487136-33-XXXX
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Acute Tox. 4 - H302	C;R35 Xn;R22	
Skin Corr. 1A - H314		
Eye Dam. 1 - H318		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

#### 4.2. Most important symptoms and effects, both acute and delayed

<b>Inhalation</b>	May cause respiratory irritation.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	May cause skin irritation.
<b>Eye contact</b>	May cause eye irritation.

#### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Specific treatments</b>	Seek medical attention if irritation or symptoms persist. Symptomatic treatment
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
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#### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	Burning may produce irritating, toxic and obnoxious fumes. Oxides of Carbon, Nitrogen and Sulphur.
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#### 5.3. Advice for firefighters

<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet
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#### 6.2. Environmental precautions

<b>Environmental precautions</b>	Avoid or minimise the creation of any environmental contamination.
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#### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.
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#### 6.4. Reference to other sections

<b>Reference to other sections</b>	See section 3, 8 & 13 for further information
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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

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**Usage precautions** Avoid spilling. Avoid contact with skin and eyes.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.

**Storage class** Chemical storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

**SHELF LIFE OF DILUTION**  
12 MONTHS

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### POTASSIUM HYDROXIDE

Long-term exposure limit (8-hour TWA): WEL

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

**Ingredient comments** WEL = Workplace Exposure Limits

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166. The following protection should be worn: Chemical splash goggles or face shield.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374.

#### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

#### Hygiene measures

Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

#### Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

**Appearance** Liquid.

**Colour** Red.

## PLF 645BC/5 PRIVATE LABEL BACTERICIDAL CLEANER 754920

<b>Odour</b>	Characteristic.
<b>pH</b>	pH (concentrated solution): 12.5
<b>Initial boiling point and range</b>	100°C @ 760 mm Hg
<b>Solubility(ies)</b>	Soluble in water.
<b>Viscosity</b>	Not applicable.

### 9.2. Other information

<b>Other information</b>	None.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	No test data specifically related to reactivity available for this product or its ingredients.
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### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures.
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	None known.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid excessive heat for prolonged periods of time.
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### 10.5. Incompatible materials

<b>Materials to avoid</b>	None known.
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### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Fire creates: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

<b>ATE oral (mg/kg)</b>	12,500.0
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#### Acute toxicity - dermal

<b>ATE dermal (mg/kg)</b>	110,000.0
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<b>Inhalation</b>	Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	Irritating to skin.
<b>Eye contact</b>	Irritating to eyes.

## SECTION 12: Ecological Information

<b>Ecotoxicity</b>	Not regarded as dangerous for the environment
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### 12.1. Toxicity

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**Toxicity** The product is not believed to present a hazard due to its physical nature.

### 12.2. Persistence and degradability

**Persistence and degradability** The product is biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not known.

### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## SECTION 14: Transport information

**Road transport notes** Not classified.

**Rail transport notes** Not classified.

**Sea transport notes** Not classified.

**Air transport notes** Not classified.

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

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Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

<b>National regulations</b>	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
<b>EU legislation</b>	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) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
<b>Guidance</b>	Workplace Exposure Limits EH40. CHIP for everyone HSG 228. Approved Classification and Labelling Guide (Sixth edition) L131. Safety Data Sheets for Substances and Preparations

#### 15.2. Chemical safety assessment

A chemical safety assessment has been carried out

### SECTION 16: Other information

<b>Revision date</b>	05/05/2017
<b>Revision</b>	3
<b>Supersedes date</b>	27/01/2016
<b>SDS number</b>	20630
<b>Risk phrases in full</b>	R 21/22 Harmful in contact with skin and if swallowed. R 22 Harmful if swallowed. R 34 Causes burns. R 35 Causes severe burns. R 36 Irritating to eyes. R 41 Risk of serious damage to eyes. R 50 Very toxic to aquatic organisms.
<b>Hazard statements in full</b>	H 302 Harmful if swallowed. H 312 Harmful in contact with skin. H 314 Causes severe skin burns and eye damage. H 315 Causes skin irritation. H 318 Causes serious eye damage. H 319 Causes serious eye irritation. H 400 Very toxic to aquatic life. H 410 Very toxic to aquatic life with long lasting effects. H 412 Harmful to aquatic life with long lasting effects.

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.