

**PRODUCT: 63050****SAFETY DATA SHEET****PRIVATE LABEL FREEDOM BIO LAUNDRY LIQUID PLF635 SPD1461/SPD1453****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

**Product name** PRIVATE LABEL FREEDOM BIO LAUNDRY LIQUID PLF635 SPD1461/SPD1453

**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 Dam. 1 - H318

**Environmental hazards** Not Classified

**Classification (67/548/EEC or 1999/45/EC)** Xi;R38,R41.

**Human health** Risk of serious damage to eyes. Prolonged skin contact may cause redness and irritation. May cause skin sensitisation or allergic reactions in sensitive individuals.

**2.2. Label elements****Pictogram**

**Signal word** Danger

## PRIVATE LABEL FREEDOM BIO LAUNDRY LIQUID PLF635 SPD1461/SPD1453

<b>Hazard statements</b>	H315 Causes skin irritation. H318 Causes serious eye damage.
<b>Precautionary statements</b>	P264 Wash contaminated skin thoroughly after handling. P280 Wear eye protection. P280 Wear protective gloves. 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. P310 Immediately call a POISON CENTER/ doctor. P332+P313 If skin irritation occurs: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash it before reuse.
<b>Contains</b>	SODIUM DODECYL BENZENE SULPHONATE, ALKYL C10-C16 SULPHATE, TRIETHANOLAMINE, C12-C15 ALCOHOL ETHOXYLATE 3 EO
<b>Supplementary precautionary statements</b>	P321 Specific treatment (see medical advice on this label).

### 2.3. Other hazards

**Other Hazards** None

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>SODIUM DODECYL BENZENE SULPHONATE</b>			<b>5-10%</b>
CAS number: 68411-30-3	REACH registration number: 01-2119489428-22-XXXX		
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi;R38,R41.		

<b>ALKYL C10-C16 SULPHATE</b>			<b>1-5%</b>
CAS number: 72906-11-7	EC number: 276-987-9	REACH registration number: 01-2119488639-16-0000	
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi;R38,R41.		

<b>TRIETHANOLAMINE</b>			<b>1-5%</b>
CAS number: 102-71-6			
<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT RE 2 - H373	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R22,R48/22. Xi;R38,R41.		

## PRIVATE LABEL FREEDOM BIO LAUNDRY LIQUID PLF635 SPD1461/SPD1453

C12-C15 ALCOHOL ETHOXYLATE 3 EO			1-5%
CAS number: 68439-45-2			
M factor (Acute) = 1			
Classification		Classification (67/548/EEC or 1999/45/EC)	
Eye Dam. 1 - H318		Xi;R41. N;R50.	
Aquatic Acute 1 - H400			

PROPAN-2-OL			1-5%
CAS number: 67-63-0	EC number: 200-661-7	REACH registration number: 01-2119457558-25-0000	
Classification		Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 2 - H225		F;R11 Xi;R36 R67	
Eye Irrit. 2 - H319			
STOT SE 3 - H336			

POTASSIUM HYDROXIDE			<1%
CAS number: 1310-58-3	EC number: 215-181-3	REACH registration number: 01-2119487136-33-XXXX	
Classification		Classification (67/548/EEC or 1999/45/EC)	
Acute Tox. 4 - H302		C;R35 Xn;R22	
Skin Corr. 1A - H314			
Eye Dam. 1 - H318			

BRONOPOL (INN)			<1%
CAS number: 52-51-7	EC number: 200-143-0		
M factor (Acute) = 10			
Classification		Classification (67/548/EEC or 1999/45/EC)	
Acute Tox. 4 - H302		Xn;R21/22 Xi;R37/38,R41 N;R50	
Acute Tox. 4 - H312			
Skin Irrit. 2 - H315			
Eye Dam. 1 - H318			
STOT SE 3 - H335			
Aquatic Acute 1 - H400			

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

### 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.

## PRIVATE LABEL FREEDOM BIO LAUNDRY LIQUID PLF635 SPD1461/SPD1453

**Eye contact** Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

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

**Inhalation** May cause respiratory irritation.

**Ingestion** May cause discomfort if swallowed.

**Skin contact** May cause skin irritation.

**Eye contact** May cause serious eye damage.

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

**Specific treatments** Seek medical attention if irritation or symptoms persist. Symptomatic treatment

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

### 5.2. Special hazards arising from the substance or mixture

**Specific hazards** Burning may produce irritating, toxic and obnoxious fumes.  
Oxides of Carbon, Nitrogen and Sulphur.

### 5.3. Advice for firefighters

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

**Environmental precautions** Avoid or minimise the creation of any environmental contamination.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** 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.

### 6.4. Reference to other sections

**Reference to other sections** See section 3,8 & 13 for further information

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**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)

# PRIVATE LABEL FREEDOM BIO LAUNDRY LIQUID PLF635 SPD1461/SPD1453

**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

##### PROPAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m<sup>3</sup>

##### 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

Provide eyewash station. Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. 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.

**pH** 10-12

### 9.2. Other information

**Other information** None.

**PRIVATE LABEL FREEDOM BIO LAUNDRY LIQUID PLF635 SPD1461/SPD1453****SECTION 10: Stability and reactivity****10.1. Reactivity**

**Reactivity** No test data specifically related to reactivity available for this product or its ingredients.

**10.2. Chemical stability**

**Stability** Stable at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

**Possibility of hazardous reactions** None known.

**10.4. Conditions to avoid**

**Conditions to avoid** Avoid excessive heat for prolonged periods of time.

**10.5. Incompatible materials**

**Materials to avoid** None known.

**10.6. Hazardous decomposition products**

**Hazardous decomposition products** Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity - oral**

**ATE oral (mg/kg)** 19,607.84313725

**Inhalation** Irritating to respiratory system.

**Ingestion** May cause discomfort if swallowed.

**Skin contact** Liquid may irritate skin.

**Eye contact** Risk of serious damage to eyes.

**SECTION 12: Ecological Information**

**Ecotoxicity** Not regarded as dangerous for the environment.

**12.1. Toxicity**

**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** No data available on bioaccumulation.

**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.

**PRIVATE LABEL FREEDOM BIO LAUNDRY LIQUID PLF635 SPD1461/SPD1453****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**

**General**                                      The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**14.1. UN number**

Not applicable.

**14.2. UN proper shipping name**

Not applicable.

**Proper shipping name**                      na  
(ADR/RID)

**Proper shipping name (IMDG)**      na

**Proper shipping name (ICAO)**      na

**Proper shipping name (ADN)**      na

**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**

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

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

**National regulations**                      The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

## PRIVATE LABEL FREEDOM BIO LAUNDRY LIQUID PLF635 SPD1461/SPD1453

<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 HSG228. Safety Data Sheets for Substances and Preparations Approved Classification and Labelling Guide (Sixth edition) L131.

### 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>	8
<b>Supersedes date</b>	27/01/2016
<b>SDS number</b>	PLF635
<b>Risk phrases in full</b>	R22 Harmful if swallowed. R35 Causes severe burns. R38 Irritating to skin. R41 Risk of serious damage to eyes. R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.
<b>Hazard statements in full</b>	H225 Highly flammable liquid and vapour. H302 Harmful if swallowed. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life.

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