



## SAFETY DATA SHEET FROGSUIT POWER CLEANER

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

#### 1.1. Product identifier

**Product name** FROGSUIT POWER CLEANER

**Container size** 500mL

#### 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** Frogsuit Ltd  
19 Cheddleton Park Avenue,  
Leek,  
Staffordshire,  
ST13 7NS

www.frogsuit.org  
+44 (0)1538 528360  
info@frogsuit.org

#### 1.4. Emergency telephone number

**Emergency telephone** In case of a medical emergency following exposure to a chemical, call NHS Direct via 111 (UK only).

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

**Physical hazards** Not Classified

**Health hazards** Eye Dam. 1 - H318 Skin Sens. 1 - H317

**Environmental hazards** Aquatic Chronic 3 - H412

#### 2.2. Label elements

##### Hazard pictograms



**Signal word** Danger

**Hazard statements** H318 Causes serious eye damage.  
H317 May cause an allergic skin reaction.  
H412 Harmful to aquatic life with long lasting effects.

## FROGSUIT POWER CLEANER

<b>Precautionary statements</b>	<p>P101 If medical advice is needed, have product container or label at hand.</p> <p>P102 Keep out of reach of children.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p>
<b>Contains</b>	COCODIETHANOLAMIDE, SODIUM DODECYL BENZENE SULPHONATE, ORANGE OIL, TERPENES, SWEET, EXT.
<b>Detergent labelling</b>	Contains d-LIMONENE, BRONOPOL (INN), CITRAL
<b>Supplementary precautionary statements</b>	<p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P261 Avoid breathing vapour/ spray.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

<b>1-METHOXYPROPAN-2-OL</b>	<b>1-5%</b>
CAS number: 107-98-2	EC number: 203-539-1
	REACH registration number: 01-2119457435-35-XXXX
<b>Classification</b>	
Flam. Liq. 3 - H226	
STOT SE 3 - H336	
<b>2-(2-BUTOXYETHOXY)ETHANOL</b>	<b>1-5%</b>
CAS number: 112-34-5	EC number: 203-961-6
	REACH registration number: 01-2119475104-44-XXXX
<b>Classification</b>	
Eye Irrit. 2 - H319	
<b>COCODIETHANOLAMIDE</b>	<b>1-5%</b>
CAS number: —	EC number: 931-329-6
	REACH registration number: 01-2119490100-53-0018
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Aquatic Chronic 2 - H411	

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<b>SODIUM DODECYL BENZENE SULPHONATE</b>	<b>1-5%</b>
CAS number: 68411-30-3	EC number: 270-115-0
	REACH registration number: 01-2119489428-22-XXXX
<b>Classification</b>	
Acute Tox. 4 - H302	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Aquatic Chronic 3 - H412	
<b>ORANGE OIL, TERPENES, SWEET, EXT.</b>	<b>1-5%</b>
CAS number: 8028-48-6	EC number: 232-433-8
	REACH registration number: 01-2119493353-35-XXXX
<b>Classification</b>	
Flam. Liq. 3 - H226	
Skin Irrit. 2 - H315	
Skin Sens. 1 - H317	
Asp. Tox. 1 - H304	
Aquatic Chronic 2 - H411	
<b>BRONOPOL (INN)</b>	<b>&lt;1%</b>
CAS number: 52-51-7	EC number: 200-143-0
	REACH registration number: 01-2119980938-15-XXXX
M factor (Acute) = 10	
<b>Classification</b>	
Acute Tox. 4 - H302	
Acute Tox. 4 - H312	
Acute Tox. 3 - H331	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
STOT SE 3 - H335	
Aquatic Acute 1 - H400	
Aquatic Chronic 2 - H411	

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	No specific recommendations.
<b>Ingestion</b>	Rinse mouth. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Wash with plenty of water. In the event of any sensitisation symptoms developing, ensure further exposure is avoided.
<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove any contact lenses and open eyelids wide apart. Continue to rinse. Get medical attention if symptoms are severe or persist after washing.

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

<b>General information</b>	May produce an allergic reaction.
<b>Inhalation</b>	The product is considered to be a low hazard under normal conditions of use.
<b>Ingestion</b>	No harmful effects expected from quantities likely to be ingested by accident.
<b>Skin contact</b>	May cause skin sensitisation or allergic reactions in sensitive individuals.
<b>Eye contact</b>	Causes serious eye damage.

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

<b>Notes for the doctor</b>	No specific recommendations.
<b>Specific treatments</b>	Treat symptomatically.

## 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.
<b>Unsuitable extinguishing media</b>	None known.

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

<b>Specific hazards</b>	Irritating gases or vapours.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).

### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Control run-off water by containing and keeping it out of sewers and watercourses. Avoid breathing fire gases or vapours.
<b>Special protective equipment for firefighters</b>	Use protective equipment appropriate for surrounding materials. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

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

<b>Personal precautions</b>	Avoid contact with eyes and prolonged skin contact. Do not touch or walk into spilled material. Take care as floors and other surfaces may become slippery.
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### 6.2. Environmental precautions

<b>Environmental precautions</b>	Avoid discharge to the aquatic environment.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Absorb spillage with non-combustible, absorbent material. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage.
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### 6.4. Reference to other sections

<b>Reference to other sections</b>	For personal protection, see Section 8. For waste disposal, see Section 13.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

<b>Usage precautions</b>	Avoid contact with eyes and prolonged skin contact.
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**Advice on general occupational hygiene** Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

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

**Storage precautions** Keep out of the reach of children. Keep away from food and drink. Keep only in the original container in a cool, well-ventilated place. Store at temperatures between 0°C and 40°C.

**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.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### **1-METHOXYPROPAN-2-OL**

Long-term exposure limit (8-hour TWA): WEL 100 ppm(Sk) 375 mg/m<sup>3</sup>(Sk)

Short-term exposure limit (15-minute): WEL 150 ppm(Sk) 560 mg/m<sup>3</sup>(Sk)

##### **2-(2-BUTOXYETHOXY)ETHANOL**

Long-term exposure limit (8-hour TWA): WEL 10 ppm 67.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 15 ppm 101.2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

#### ORANGE OIL, TERPENES, SWEET, EXT. (CAS: 8028-48-6)

<b>DNEL</b>	Workers - Inhalation; Long term : 31.1 mg/m <sup>3</sup> Workers - Dermal; Long term : 8.89 mg/kg/day
<b>PNEC</b>	- Fresh water; 0.0054 mg/l - Sediment (Freshwater); 1.3 mg/kg - Sediment (Marinewater); 0.00054 mg/l

### 8.2. Exposure controls

#### Protective equipment



**Appropriate engineering controls** No specific ventilation requirements.

**Eye/face protection** No specific eye protection required during normal use. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

**Hand protection** For users with sensitive skin, it is recommended that suitable protective gloves are worn. Wear protective gloves made of the following material: Nitrile rubber. Rubber (natural, latex). To protect hands from chemicals, gloves should comply with European Standard EN374.

**Other skin and body protection** Wear appropriate clothing to prevent skin contamination.

**Hygiene measures** Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

**Respiratory protection** No specific requirements are anticipated under normal conditions of use.

## FROGSUIT POWER CLEANER

### SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Liquid.
<b>Colour</b>	Orange.
<b>Odour</b>	Orange.
<b>pH</b>	pH (concentrated solution): 7.0 - 9.5
<b>Initial boiling point and range</b>	100°C @ 760 mm Hg
<b>Flash point</b>	> 60°C Pensky-Martens closed cup.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Relative density</b>	~ 1.000 @ 20°C
<b>Solubility(ies)</b>	Miscible with water.
<b>Auto-ignition temperature</b>	Not determined.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	Non-viscous.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

#### 9.2. Other information

<b>Refractive index</b>	10.5 - 11.5
<b>Volatile organic compound</b>	This product contains a maximum VOC content of 6 %.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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#### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
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#### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, no hazardous reactions will occur.
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#### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	There are no known conditions that are likely to result in a hazardous situation.
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#### 10.5. Incompatible materials

<b>Materials to avoid</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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#### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Does not decompose when used and stored as recommended.
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## FROGSUIT POWER CLEANER

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye damage.

##### Skin sensitisation

**Skin sensitisation** May cause an allergic skin reaction.

##### **Inhalation**

The product is considered to be a low hazard under normal conditions of use.

##### **Ingestion**

No harmful effects expected from quantities likely to be ingested by accident.

##### **Skin contact**

May cause sensitisation or allergic reactions in sensitive individuals.

##### **Eye contact**

Causes serious eye damage.

##### **Route of exposure**

Skin and/or eye contact

##### **Medical considerations**

Pre-existing eye problems.

### SECTION 12: Ecological information

##### **Ecotoxicity**

Harmful to aquatic life with long lasting effects.

#### 12.1. Toxicity

##### **Toxicity**

Harmful to Aquatic Organisms

#### 12.2. Persistence and degradability

**Persistence and degradability** Moderately biodegradable.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.

#### 12.4. Mobility in soil

##### **Mobility**

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

##### **General information**

Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out.

##### **Disposal methods**

Dispose of contents/container in accordance with local regulations.

## FROGSUIT POWER CLEANER

### 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.

#### 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 Annex II of MARPOL 73/78 Not applicable.

and the IBC Code

### SECTION 15: Regulatory information

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

##### **EU legislation**

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).

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 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

**Revision date** 25/11/2021

**Revision** 1

**SDS number** 21713



## FROGSUIT POWER CLEANER

### **Hazard statements in full**

H226 Flammable liquid and vapour.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H331 Toxic if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.