

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

### 1.1. Product identifier

PROPOWER Foam Cleaner  
Aerosol

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

Cleaners - Heavy duty

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

Premier Farnell  
150 Armley Road  
Leeds LS12 2QQ  
Tel. : +44 (0) 870 129 8608

### 1.4. Emergency telephone number

+44 (0) 870 202530

## SECTION 2: Hazards identification


### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Physical	Aerosols, category 1 Extremely flammable aerosol. Pressurised container: May burst if heated.
Health	Eye irritation, category 2 Causes serious eye irritation. Specific target organ toxicity - single exposure, category 3 May cause drowsiness or dizziness.
Environment	Not classified

### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Product identifier	Contains: propan-2-ol; isopropyl alcohol ;isopropanol acetone; propan-2-one; propanone
Hazard pictogram(s):	
Signal word:	Danger
Hazard statement(s):	H222 : Extremely flammable aerosol. H229 : Pressurised container: May burst if heated. H319 : Causes serious eye irritation. H336 : May cause drowsiness or dizziness.

# Safety Data Sheet

pro-POWER

Precautionary statement(s):	<p>P102 : Keep out of reach of children.</p> <p>P210 : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P211 : Do not spray on an open flame or other ignition source.</p> <p>P251 : Do not pierce or burn, even after use.</p> <p>P261 : Avoid breathing dust/fume/gas/mist/vapours/spray.</p> <p>P271 : Use only outdoors or in a well-ventilated area.</p> <p>P410/412 : Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.</p> <p>P501-2 : Dispose of contents/container to an authorised waste collection point.</p>
-----------------------------	--

Regulation (EC) No 648/2004 on detergents:	aliphatic hydrocarbons 5 - 15 % anionic surfactants < 5 % perfumes
--	--

## 2.3. Other hazards

None

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable.

### 3.2. Mixtures

Hazardous ingredient	CAS-nr.	EC-nr	w/w %	symbol	R-phrases*	Notes
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	200-661-7	10-30	F,Xi	11-36-67	B
Hydrocarbons,C3-4-rich, petroleum distillate Petroleumgas (1,3-butadiene < 0.1%)	68512-91-4	270-990-9	10-30	F+	12	K, G
acetone; propan-2-one; propanone	67-64-1	200-662-2	1-5	F,Xi	11-36-66-67	A
ammonia .... %	1336-21-6	215-647-6	0-1	C,N	34-50	
Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt	137-16-6	205-281-5	0-1	T	23-38-41	

#### Explanation notes

A : substance with Community workplace exposure limit

B : substance with national established workplace exposure limit

G : exempted from the obligation to register in accordance with art.2(7)(a)of REACH Regulation No 1907/2006

K : not classified as carcinogen, less than 0.1% w/w 1,3-butadiene (Einecs-nr. 203-450-8)

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
propan-2-ol; isopropyl alcohol ;isopropanol	01-2119457558-25	67-63-0	200-661-7	10-30	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3	H225, H319, H336	B
Hydrocarbons, C3-4-rich, petroleum distillate Petroleumgas (1,3-butadiene < 0.1%)	-	68512-91-4	270-990-9	10-30	Press. Gas, Flam. Gas 1	H280, H220	K,G
acetone; propan-2-one; propanone	01-2119471330-49	67-64-1	200-662-2	1-5	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3	H225, H319, H336	A
ammonia .... %		1336-21-6	215-647-6	0-1	Skin Corr. 1B, Aquatic Acute 1	H314, H400	
Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt		137-16-6	205-281-5	0-1	Skin Irrit. 2, Eye Irrit. 2, Acute Tox. 3	H315, H319, H331	

www.element14.com  
 www.farnell.com  
 www.newark.com  
 www.cpc.co.uk

pro-POWER

Explanation notes
A : substance with Community workplace exposure limit
B : substance with national established workplace exposure limit
G : exempted from the obligation to register in accordance with art.2(7)(a)of REACH Regulation No 1907/2006
K : not classified as carcinogen, less than 0.1% w/w 1,3-butadiene (Einecs-nr. 203-450-8)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Contact with eyes	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Contact with skin	Take off contaminated clothing and wash before reuse. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
Inhalation	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Ingestion	If swallowed accidentally, do not induce vomiting and seek medical advice.

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

Inhalation	Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness
Ingestion	May cause gastrointestinal disturbances Symptoms : sore throat, abdominal pain, nausea, vomiting
Skin contact	May cause irritation. Symptoms : redness and pain
Eye contact	Irritating to eyes Symptoms : redness and pain

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

General Advice	If you feel unwell, seek medical advice (show the label where possible) If symptoms persist always call a doctor
----------------	---

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Foam, carbon dioxide or dry agent

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

Aerosols may explode if heated above 50°C Forms hazardous decomposition products CO,CO<sub>2</sub>

### 5.3. Advice for firefighters

Keep container(s) exposed to fire cool, by spraying with water In case of fire, do not breathe fumes.

## SECTION 6: Accidental release measures

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

Shut off all ignition sources  
Ensure adequate ventilation  
Wear suitable protective clothing and gloves.

### 6.2. Environmental precautions

Do not allow to enter public sewers and watercourses  
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

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

Absorb spillage in suitable inert material  
Place in appropriate container

### 6.4. Reference to other sections

For further information see section 8

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Keep away from heat and sources of ignition  
Take precautionary measures against static discharges  
Equipment should be earthed  
Use explosion-proof electrical/ventilating/lighting/.../equipment.  
Use only non-sparking tools.  
Do not breathe aerosols or vapours.  
Ensure adequate ventilation  
Avoid contact with skin and eyes.  
Wash thoroughly after use  
Wear protective gloves/protective clothing/eye protection/face protection.  
Eyewash bottles should be available

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

Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.  
Keep out of reach of children.

### 7.3. Specific end use(s)

Cleaners - Heavy duty

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Exposure limits :

Hazardous ingredient	CAS-nr.	method	
<b>EU established exposure limits:</b>			
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	TWA	400 ppm
		STEL	500 ppm
acetone; propan-2-one; propanone	67-64-1	TWA	500 ppm

# Safety Data Sheet

pro-POWER

Hazardous ingredient	CAS-nr.	method	
<b>National established exposure limits, United Kingdom</b>			
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	TWA	400 ppm
		STEL	500 ppm
acetone; propan-2-one; propanone	67-64-1	TWA	500 ppm
		STEL	1500 ppm

## 8.2. Exposure controls

Control procedures	Ensure adequate ventilation Keep away from heat and sources of ignition Take precautionary measures against static discharges
Personal protection	Take precautions to avoid contact with skin and eyes when handling the product. Ensure adequate ventilation
Inhalation	In case of insufficient ventilation, wear suitable respiratory equipment.
Hands and Skin	Wear suitable protective gloves against chemicals
Recommended gloves	Nitrile
Eyes	Wear safety goggles.
Environmental protection	Avoid release to the environment. Collect spillage.

## SECTION 9: Physical and chemical properties

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

(for aerosols data for the product without propellant)

Appearance : physical state : Liquid under pressure.  
Colour : Colourless.  
Odour : Characteristic odour.  
pH : Not available.  
Boiling point/range : 56°C  
Flash point : -18°C  
Evaporation rate : Not available.  
Explosion limits : upper limit : 13%  
Lower limit : 1.8%  
Vapour pressure : Not available.  
Relative density : 0.962 g/cm<sup>3</sup> (@ 20°C).  
Solubility in water : Soluble in water  
Auto-ignition : 460°C  
Viscosity : Not available.

### 9.2. Other information

www.element14.com  
www.farnell.com  
www.newark.com  
www.cpc.co.uk

pro-POWER

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reactions known if used for its intended purpose

### 10.2. Chemical stability

Stable

### 10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose

### 10.4. Conditions to avoid

Avoid overheating

### 10.5. Incompatible materials

Strong oxidising agent

### 10.6. Hazardous decomposition products

CO,CO<sub>2</sub>

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Information on likely routes of exposure:

Inhalation	Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
Ingestion	May cause gastrointestinal disturbances
Skin contact	May cause irritation.
Eye contact	Irritating to eyes

Toxicological data :

Hazardous ingredient	CAS-nr.	method	
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	LD50 oral rat	> 5000 mg/kg
		LC50 inhal.rat	> 20 mg/l
		LD50 derm.rabit	> 5000 mg/kg
acetone; propan-2-one; propanone	67-64-1	LD50 oral rat	> 5000 mg/kg
		LC50 inhal.rat	> 20 mg/l
		LD50 derm.rabit	> 2000 mg/kg

## SECTION 12: Ecological information

### 12.1. Toxicity

Not classified

Ecotoxicological data:

Hazardous ingredient	CAS-nr.	method	
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	IC50 algae	> 1000 mg/l
		LC50 fish	> 1000 mg/l
		EC50 daphnia	> 1000 mg/l
acetone; propan-2-one; propanone	67-64-1	IC50 algae	> 100 mg/l
		LC50 fish	> 100 mg/l
		EC50 daphnia	> 100 mg/l

## 12.2. Persistence and degradability

No information available

## 12.3. Bioaccumulative potential

No information available

## 12.4. Mobility in soil

Soluble in water

## 12.5. Results of PBT and vPvB assessment

No information available

## 12.6. Other adverse effects

No information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product	This material and its container must be disposed of in a safe way. Do not discharge into drains or the environment, dispose to an authorised waste collection point
National regulations	Disposal should be in accordance with local, state or national legislation

## SECTION 14: Transport information

### 14.1. UN number

UN-number : 1950

### 14.2. UN proper shipping name

Proper shipping name : AEROSOLS

### 14.3. Transport hazard class(es)

Class : 2.1

ADR/RID-Classification code : 5F

## 14.4. Packing group

Packing group : Not applicable.

## 14.5. Environmental hazards

ADR/RID - Environmentally hazardous : No

IMDG - Marine pollutant : No

IATA/ICAO - Environmentally hazardous : No

## 14.6. Special precautions for user

ADR/RID - Tunnelcode : (D)

IMDG - Ems : F-D, S-U

IATA/ICAO - PAX : 203

IATA/ICAO - CAO : 203

## 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

## SECTION 15: Regulatory information

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

The Safety Data Sheet is compiled according to the current European requirements.  
Dir. 2013/10/EU, 2008/47/EC amendment of the aerosol dispenser directive 75/324/EEC.  
EU-directive 99/45/EC  
Regulation (EC) No 1272/2008 (CLP)  
Regulation (EC) No 1907/2006 (REACH)

### 15.2. Chemical safety assessment

No information available

## SECTION 16: Other information

Explanation risk-phrases	R11: Highly flammable. R12: Extremely flammable. R23: Toxic by inhalation. R34: Causes burns. R36: Irritating to eyes. R38: Irritating to skin. R41: Risk of serious damage to eyes. R50: Very toxic to aquatic organisms. R66: Repeated exposure may cause skin dryness or cracking. R67: Vapours may cause drowsiness and dizziness.
--------------------------	---



# Safety Data Sheet

pro-POWER

*Explanation hazard statements	H220 : Extremely flammable gas. H225 : Highly flammable liquid and vapour. H280 : Contains gas under pressure; may explode if heated. H314 : Causes severe skin burns and eye damage. H315 : Causes skin irritation. H319 : Causes serious eye irritation. H331 : Toxic if inhaled. H336 : May cause drowsiness or dizziness. H400 : Very toxic to aquatic life.
--------------------------------	--

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties.

Apart from any fair dealing for purposes of study, research and review of health, safety and environmental risks, no part of these documents may be reproduced by any process without written permission from CRC.

Part Number

PPC100

**Important Notice** : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. pro-POWER is the registered trademark of the Group. © Premier Farnell plc 2012.

[www.element14.com](http://www.element14.com)  
[www.farnell.com](http://www.farnell.com)  
[www.newark.com](http://www.newark.com)  
[www.cpc.co.uk](http://www.cpc.co.uk)

pro-POWER