

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.
Classification is based on test data	
Health	Eye irritation, category 2 Causes serious eye irritation. Specific target organ toxicity - single exposure, category 3 May cause drowsiness or dizziness.
Classification based on calculation method	
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.

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Precautionary statement(s)	P102 : Keep out of reach of children. P210 : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 : Do not spray on an open flame or other ignition source. P251 : Do not pierce or burn, even after use. P261 : Avoid breathing dust/fume/gas/mist/vapours/spray. P271 : Use only outdoors or in a well-ventilated area. P410/412 : Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. P501-2 : Dispose of contents/container to an authorised waste collection point.
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Regulation (EC) No 648/2004 on detergents	aliphatic hydrocarbons 5 - 15%; anionic surfactants perfumes < 5%
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2.3. Other hazards

No information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

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%)	01-2119485926-20	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 %	01-2119982985-14	1336-21-6	215-647-6	0-1	Skin Corr. 1B, Aquatic Acute 1	H314, H400	-
Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt	01-2119527780-39	137-16-6	205-281-5	0-1	Eye Dam. 1, Skin Irrit. 2, Acute Tox. 2	H318, H315, H330	-
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)							

(* Explanation phrases : see chapter 16)

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
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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,CO₂

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	
EU established exposure limits:			
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
National established exposure limits, United Kingdom			
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 Wear suitable protective gloves
Inhalation	In case of insufficient ventilation, wear suitable respiratory equipment.
Hands and Skin	When handling the product wear chemical-resistant gloves (standard EN 374). The breakthrough time of the glove should be longer than the total duration of product use. If work lasts longer than the breakthrough time, gloves should be changed part-way through.
Recommended gloves	Nitrile
Eyes	Wear safety eyewear according to EN 166.
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 ³ (@ 20°C).
Solubility in water	: Soluble in water
Auto-ignition	: 460°C
Viscosity	: Not available.

9.2. Other information

NA

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, CO₂

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Based on available data the classification criteria are not met
Skin corrosion/irritation	Based on available data the classification criteria are not met
Serious eye damage/irritation	Causes serious eye irritation
Respiratory or skin sensitisation:	Based on available data the classification criteria are not met
Germ cell mutagenicity	Based on available data the classification criteria are not met
Carcinogenicity	Based on available data the classification criteria are not met
Toxicity for reproduction	Based on available data the classification criteria are not met
STOT-single exposure	May cause drowsiness or dizziness
STOT repeated exposure	Based on available data the classification criteria are not met
Aspiration hazard	Based on available data the classification criteria are not met

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	> 5840 mg/kg
		LC50 inhal.rat	> 25000 mg/l
		LD50 derm.rabit	> 13900 mg/kg
acetone; propan-2-one; propanone	67-64-1	LD50 oral rat	> 5800 mg/kg
		LC50 inhal.rat	> 76 mg/l
		LD50 derm.rabit	> 15800 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	> 9640 mg/l
		EC50 daphnia	> 9714 mg/l
acetone; propan-2-one; propanone	67-64-1	IC50 algae	> 530 mg/l
		LC50 fish	> 5540 mg/l
		EC50 daphnia	> 8800 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 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. H318 : Causes serious eye damage. H319 : Causes serious eye irritation. H330 : Fatal if inhaled. H336 : May cause drowsiness or dizziness. H400 : Very toxic to aquatic life.
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Revisions in Chapitre	8.2. Exposure controls
Acronyms and synonyms	TWA = time weight average STEL = short time exposure limit VOC = volatile organic compounds PBT = persistant bioaccumulative toxic vPvB = very persitant very bioaccumulative

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.

Part Number

PPC100

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