

Productname : PROPOWER BUTANE GAS **Creationdate :** 13.01.09
Ref.Nr.: UK10435-3-130109 **Replaces:** 12.01.09

1. IDENTIFICATION OF PRODUCT AND COMPANY

Productname : PROPOWER BUTANE GAS
Aerosol

Application : Speciality

Company : PROPOWER Premier Farnell plc
150 Armley Road
LEEDS LS12 2QQ
Tel. : +44 (0) 870 129 8608
Fax :

In case of emergency : +44 (0) 8447 880088

2. HAZARD IDENTIFICATION

Health and Safety : Extremely Flammable

Other hazards : Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.

3. COMPOSITION AND INFORMATION ON COMPONENTS

| Hazardous ingredient | CAS-nr | EINECS | w/w % | symbol | R-phrases* | Notes |
|--|------------|-----------|--------|--------|------------|-------|
| Hydrocarbons,C3-4-rich, petroleum distillate Petroleumgas (1,3-butadiene < 0.1%) | 68512-91-4 | 270-990-9 | 60-100 | F+ | 12 | K |
| Explanation notes | | | | | | |
| K : not classified as carcinogen, less than 0.1% w/w 1,3-butadiene (Einecs-nr. 203-450-8) | | | | | | |

(* Explanation risk-phrases : see chapter 16)

4. FIRST AID MEASURES

General Advice : The usual precautions for handling chemicals should be observed

If any symptoms should occur, seek medical advice.

Contact with eyes : If substance has got into eyes, immediately wash out with plenty of water

Contact with skin : Wash with water and soap.

Inhalation : Fresh air, keep warm and at rest.

Ingestion : Ingestion is unlikely to occur
If swallowed accidentally, do not induce vomiting and seek medical advice.

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5. FIRE-FIGHTING MEASURES

| | |
|--|--|
| Flash point (without propellant): | not available |
| Explosion limits : upper limit : | not available |
| lower limit : | not available |
| Extinguishing media : | foam, carbon dioxide or dry agent |
| Fire-fighting procedures : | Keep container(s) exposed to fire cool, by spraying with water |
| Unusual exposure hazard : | Aerosols may explode if heated above 50°C |

6. ACCIDENTAL RELEASE MEASURES

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| Personal precautions : | Shut off all ignition sources Ensure adequate ventilation |
| Environmental precautions : | Do not allow to enter public sewers and watercourses |
| Cleaning methods : | Absorb spillage in suitable inert material |

7. HANDLING AND STORAGE

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| Handling procedures : | Use only in well ventilated areas Do not pierce or burn aerosols, even after use. Do not spray on a naked flame or incandescent material. Do not breathe aerosols or vapours. Avoid contact with skin and eyes. |
| Storage procedures : | Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C. Keep in a cool, dry, well ventilated place Keep out of reach of children. |

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

| | |
|------------------------------|---|
| Control procedures : | Ensure adequate ventilation Keep away from heat and sources of ignition |
| Personal protection : | It is advisable to take precautions to avoid contact with skin and eyes when handling the product. Use only in well ventilated areas |
| inhalation : | In case of insufficient ventilation, wear suitable respiratory equipment. |
| hands and skin : | Wear suitable protective gloves (nitrile) |
| eyes : | Wear safety goggles. |

9. PHYSICAL AND CHEMICAL PROPERTIES (for aerosols without propellant)

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| Apperance : physical state : | liquified gas |
| colour : | colourless |
| odour : | Characteristic odour |

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|----------------------------------|-------------------------|
| Boiling point/range : | not available |
| Relative density : | not available |
| pH : | not available |
| Vapour pressure : | not available |
| Relative vapour density : | not available |
| Solubility in water : | Partly soluble in water |
| Flash point : | not available |
| Auto-ignition : | not available |
| Viscosity : | not available |
| Evaporation rate : | not available |

10. STABILITY AND REACTIVITY

| | |
|--|---|
| Conditions to be avoided : | Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C. Keep away from heat and sources of ignition No hazardous reactions known if used for its intended purpose |
| Materials to be avoided : | Strong oxidising agent |
| Hazardous decomposition compounds : | carbon oxides |

11. TOXICOLOGICAL INFORMATION

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| Inhalation : | Inhalation of solvent vapours may give rise to nausea, headaches and dizziness |
| Ingestion : | Ingestion is unlikely to occur Harmful if swallowed. |
| Skin contact : | In case of contact with liquid product frostbite symptoms may occur. |
| Eye contact : | In case of contact with liquid product frostbite symptoms may occur. |
| Other information: | No experimental data available |

12. ECOLOGICAL INFORMATION

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| Other adverse effects : | Do not allow to enter public sewers and watercourses No experimental data available |
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13. WASTE DISPOSAL

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| National regulations : | Disposal should be in accordance with local, state or national legislation |
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14. TRANSPORT

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| UN-number : | 1950 |
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| Road/Rail - ADR/RID : | UN1950 Aerosols Class : 2, PG : NA, Class code : 5F, Label : 2.1 |
| Sea - IMDG : | UN1950 Aerosols Ltd Qty Class : 2.1, PG : NA, Label : 2.1 |
| EmS | F-D,S-U |
| Air - IATA/ICAO : | UN1950 Aerosols, flammable Class : 2.1, PG : NA, Label : RFG |
| Packing instr. LQ | Y203 |
| PAX | 203 |
| CAO | 203 |

15. REGULATORY INFORMATION

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|----------------------------|--|
| Warning symbol(s) : | F+ |
| Risk-phrase(s) : | R12: Extremely flammable. |
| Safety-phrase(s) : | S2: Keep out of the reach of children. S16: Keep away from sources of ignition - No smoking. S51: Use only in well-ventilated areas. |

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.

16. OTHER INFORMATION

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.

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| REVISIONS IN CHAPTRE : | 8,9 |
| *Explanation risk-phrases: | R12: Extremely flammable. |