

Productname :	PROPOWER FREEZER SPRAY	Creationdate :	10.06.10
Ref.Nr.:	UK10424-3-100610	Replaces:	09.06.10

1. IDENTIFICATION OF PRODUCT AND COMPANY

Productname : PROPOWER FREEZER SPRAY
Aerosol

Application : Cooling agent

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

In case of emergency : +44 (0) 870 202530

2. HAZARD IDENTIFICATION

Health and Safety : Not Classified

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
dimethyl ether	115-10-6	204-065-8	5-10	F+	12	A
tetrafluoroethane	811-97-2	212-377-0	60-100	-	-	B
Explanation notes						
A : substance with Community workplace exposure limit						
B : substance with national established workplace exposure limit						

(* 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

Seek medical attention if irritation persists

Contact with skin : Wash with water and soap.

Seek medical attention if irritation persists

Inhalation : Fresh air, keep warm and at rest.

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

5. FIRE-FIGHTING MEASURES

Flash point (without propellant): Not available.
Explosion limits : upper limit : Not available.
lower limit : Not available.
Extinguishing media : Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
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

Personal precautions : Shut off all ignition sources
Ensure adequate ventilation
Environmental precautions : Do not allow to enter public sewers and watercourses
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities
Cleaning methods : Absorb spillage in suitable inert material

7. HANDLING AND STORAGE

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)

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eyes : Wear safety goggles.

Exposure limits :

Hazardous ingredient	CAS-nr	method	
EU established exposure limits:			
dimethyl ether	115-10-6	TWA	1000 ppm

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

Apperance : physical state : Liquified gas.
colour : Colorless.
odour : Characteristic odor.
Boiling point/range : Not available.
Relative density : Not available.
pH : Not available.
Vapour pressure : Not available.
Relative vapour density : Not available.
Solubility in water : Insoluble in water
Flash point : Not available.
Auto-ignition : > 200 °C
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

Inhalation : Harmful
In case of contact with liquid product frostbite symptoms may occur.
Ingestion : Harmful
In case of contact with liquid product frostbite symptoms may occur.
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.

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12. ECOLOGICAL INFORMATION

Other adverse effects : Do not allow to enter public sewers and watercourses
No experimental data available

13. WASTE DISPOSAL

National regulations : Disposal should be in accordance with local, state or national legislation

14. TRANSPORT

UN-number :	1950
Road/Rail - ADR/RID :	UN1950 Aerosols Class : 2.2, PG : NA, Class code : 5A, Label : 2.2, Tunnel-code : (E)
Sea - IMDG :	UN1950 Aerosols Ltd Qty Class : 2.2, PG : NA, Label : 2.2
EmS	F-D,S-U
Air - IATA/ICAO :	UN1950 Aerosols, non-flammable Class : 2.2, PG : NA, Label : RNG
Packing instr. LQ	Y203
PAX	203
CAO	203

15. REGULATORY INFORMATION

Safety-phrase(s) : S2: Keep out of the reach of children.

Contains : 7 % by mass of the contents are flammable.

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 : 15

***Explanation risk-phrases:** R12: Extremely flammable.