

July 2004

SAFETY DATA SHEET

POLAR SPRAY



1. IDENTIFICATION OF THE SUBSTANCE PREPARATION AND THE COMPANY:

PRODUCT NAME: Polar Spray 700g
APPLICATIONS: Specially formulated for freezing water pipes
PRODUCT CODE: PG01
SUPPLIER: Arctic Products Ltd, Baird Road, Corby, Northants, NN17 5ZA
Tel: 01536 264000 Fax: 01536 264900

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	EINECS NO:	CAS No:	CONTENTS	SYMBOL	RISK (R No)
1,1,1,2-TETRAFLUOETHANE	212-377-0	811-97-2	60-100%	NC	Not Class.

The full texts for all R-Phrases are displayed in section 16.

AEROSOL PROPELLED BY NON FLAMMABLE PROPELLANT.

3. HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

4. FIRST AID MEASURES

EYES: Rinse the eye with water immediately.
SKIN: Rinse the skin immediately with soap and water.
INHALATION: Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: This material is not flammable.
SPECIAL FIRE FIGHTING PROCEDURES: Cool containers exposed to flames with water until well after the fire is out.
UNUSUAL FIRE & EXPLOSION HAZARDS: Possible risk of can rupture when exposed to fire/ high temps.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEANUP METHODS: Ventilate well.

7. HANDLING AND STORAGE

STORAGE PRECAUTIONS: Aerosol cans: Must not be exposed for direct sunlight or temperatures above 50°C.
HANDLING PRECAUTIONS: CAUTION. Pressurised container. Do not expose to temperatures exceeding 50°C do not puncture or incinerate even when empty.

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME	CAS No:	STD	LT EXP (8 HRS)	ST EXP (15 MIN)
1,1,1,2-TETRAFLUOROETHANE	811-97-2	OES	4240mg/m ³	12720 mg/m ³

INGREDIENT COMMENTS: OES-Occupational Exposure Standard.

VENTILATION: No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilate.

EYE PROTECTION: Not normally required if used as directed.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Aerosol

10. STABILITY AND REACTIVITY

STABILITY: Normally stable.

11. TOXICOLOGICAL INFORMATION

INHALATION: High concentrations of vapour may cause dizziness, nausea and headaches. Gas or vapour displaces oxygen available for breathing (asphyxiant).

SKIN: Liquid on the skin could result in freeze burns.

EYE CONTACT: Liquid splashes could result in freezing of the eye tissue.

12. ECOLOGICAL INFORMATION

Not classified as dangerous to the environment.

13. DISPOSAL CONSIDERATIONS

Do not puncture or incinerate even when empty. Dispose of in accordance with local authority requirements.

14. TRANSPORT INFORMATION

LABEL FOR CONVEYANCE: No transport warning sign required.

ROAD:

UN No: 1950

RAIL:

SEA:

UN SEA: 1950

AIR:

UN AIR: 1950

15. REGULATORY INFORMATION

RISK PHRASES: Not classified.

SAFETY PHRASES:

- S-2 Keep out of reach of children.
- S-23 Do not breathe gas/ fumes/ vapour/ spray.
- S-51 Use only in well ventilated areas.
- S-9 Keep container in a well ventilated place.
- S-35 This material and its container must be disposed of in a safe way.

16. OTHER INFORMATION

PRINTING DATE: July 2004

R-PHRASES (Full text): Not classified.

DISCLAIMER

The information on this sheet is not a specification. It does not guarantee specific properties. The information is intended to provide general guidance to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product nor where instructions and recommendations are not followed.