

July 2004

SAFETY DATA SHEET

ARCTIC SPRAY TRADE FREEZER SPRAY



1. IDENTIFICATION OF THE SUBSTANCE PREPARATION AND THE COMPANY:

PRODUCT NAME: Arctic Spray Trade freezer Spray
APPLICATIONS: Specially formulated for freezing water pipes
PRODUCT CODE: ASR01, ASJ01, ASK01, ASS01
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)
DIMETHYL ETHER	204-065-8	115-10-6	1-5%	fx	12
1,1,1,2-TETRAFLUOETHANE	212-377-0	811-97-2	60-100%	NC	Not Class.

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

3. HAZARDS IDENTIFICATION

Extremely flammable.

4. FIRST AID MEASURES

EYES: Rinse the eye with water immediately. Continue to rinse for at least 15 minutes and get medical attention.
SKIN: Wash the skin immediately with soap and water.
INHALATION: If inhalation of vapours causes irritation or drowsiness, remove to fresh air.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Powder, foam or CO₂.
SPECIAL FIRE FIGHTING PROCEDURES: Breathing apparatus should be worn if exposure to fumes is likely. Use water to keep fire exposed containers cool and disperse vapours.
UNUSUAL FIRE & EXPLOSION HAZARDS: Possible risk of can rupture when exposed to fire/ high temps. Contents of aerosol will add to fuelling of fire.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEANUP METHODS: Extinguish all ignition sources. Avoid sparks, flames, heating and smoking. Ventilate.

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7. HANDLING AND STORAGE

STORAGE PRECAUTIONS: Store in a cool dry place away from all sources of heat including direct sunlight.

HANDLING PRECAUTIONS: Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. CAUTION. Pressurised container. Do not expose to temperatures exceeding 50°C do not puncture or incinerate even when empty. Do not spray onto naked flame or incandescent material.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME	CAS No:	STD	LT EXP (8 HRS)	ST EXP (15 MIN)
DIMETHYL ETHER	115-10-6	OES	400 PPM	500 PPM
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.

RESPIRATORY PROTECTION: At work in confined or poorly ventilated spaces, respiratory protection

HAND PROTECTION: Use protective gloves.

EYE PROTECTION: Use approved safety goggles or face shield.

SKIN PROTECTION: Wear suitable overalls, wash off splashes immediately.

GENERAL: No eating, drinking or smoking in the workplace.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Aerosol

10. STABILITY AND REACTIVITY

STABILITY: Normally stable.

HAZARDOUS DECOMPOSITION PRODUCTS: Fire or high temperatures create: Carbon Monoxide (CO). Carbon Dioxide (CO₂).

CONDITIONS TO AVOID: Avoid heat, flames and other sources of ignition.

MATERIALS TO AVOID: Strong oxidising agents.

11. TOXICOLOGICAL INFORMATION

INHALATION: High concentrations of vapour may cause dizziness, nausea and headaches.

SKIN: Liquid on the skin could result in freeze burns. Repeated exposure may cause skin dryness or cracking.

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: Flammable Gas.

ROAD:

UN No: 1950

RAIL:

SEA:

AIR:

15. REGULATORY INFORMATION

LABEL FOR SUPPLY: Extremely Flammable.

RISK PHRASES: R-12 Extremely Flammable.

SAFETY PHRASES:

- S-16 Keep away from sources of ignition- No smoking.
- S-2 Keep out of reach of children.
- 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): R-12 Extremely flammable.
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.