

Productname : FREEZER
Ref.Nr.: UK10046-3-150806
Creationdate : 15.08.06
Replaces: 01.08.06

1. IDENTIFICATION OF PRODUCT AND COMPANY

Productname : FREEZER
Aerosol

Application : Cooling agent

Company : CRC Industries UK Ltd.
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 Somerset,
 UK, TA64DD
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CRC Industries Finland	Asemanrinne 13, 08500 Lohja AS	(+358)(0)19/32921	(+358)(0)19/383676
CRC Industries France	12, Bld des Martyrs de Chateaubriant F-95102 Argenteuil Cédex	(+33)(0)1/34112000	(+33)(0)1/34110996
CRC Industries Deutschland	Südring 9, 76473 Iffezheim	(+49)(0)7229/3030	(+49)(0)7229/303266
CRC Industries Iberia	Gremio del cuero S/N, 40195 Segovia	(+34)921/427546	(+34)921/436270
CRC Industries Sweden	Kryptogatan 14, 43153 Mölndal	(+46)(0)31/7068480	(+46)(0)31/273991

2. COMPOSITION AND INFORMATION ON COMPONENTS

Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*
dimethyl ether	115-10-6	204-065-8	5-10	F+	12
tetrafluoroethane	811-97-2	212-377-0	60-100	-	-

(* Explanation risk-phrases : see chapter 16)

3. HAZARD IDENTIFICATION

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

4. FIRST AID MEASURES

General Advice : The usual precautions for handling chemicals should be observed
 If any symptoms should occur, seek medical advice.



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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.

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 : 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

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

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



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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

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 : colourless

odour : Characteristic odour

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 : 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

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



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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.

12. ECOLOGICAL INFORMATION

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, PG : NA, Class code : 5A, Label : 2.2

Sea - IMDG : UN1950 Aerosols Ltd Qty Class : 2, PG : NA

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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