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Material Safety Data Sheet

Regulation EC No 1907/2006 Art.31

Productname : SERVISOL FREEZE IT 20 **Creationdate :** 15.02.08
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1. IDENTIFICATION OF PRODUCT AND COMPANY

Productname : SERVISOL FREEZE IT 20
 Aerosol

Application : Cooling agent

Company : **CRC Industries UK Ltd.**
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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						

Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	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.
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
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.
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**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, PG : NA, Class code : 5A, Label : 2.2

Sea - IMDG :

UN1950 Aerosols Ltd Qty Class : 2.2, 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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***Explanation risk-phrases:**

R12: Extremely flammable.

This Material Safety Data Sheet may already have been revised at this moment for reason such as legislation, availability of components and newly acquired experiences. The latest and only valid version

of this Material Safety Data Sheet will be sent to you upon simple request or can be found on our website : www.crcind.com. We recommend you to register on this website for this product so you will be able to receive any future updated version automatically.