

21720-1001**Fiche de Données de Sécurité****Product :** PROTECTOR SPRAY

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Validation Date : 06.06.06

Version : 1.01

Replace version :

1. Product and Company Identification

PRODUCT TRADE NAME (as labeled) : PROTECTOR SPRAY

MANUFACTURERS NAME : CARAN d'ACHE SA

Address (complete mailing address) : 19, chemin du Foron ; CH-1226 THÔNEX-GENEVE

Phone number : +41 22 869 01 01

FAX number : +41 22 869 01 35

EEC Address : CARAN d'ACHE SA

4, rue Desbiolles ; F-74240 GAILLARD

Phone number : +33 450 95 25 75

US Importer : CARAN d'ACHE SA of SWITZERLAND Inc.

38-52 43rd Street

LONG ISLAND CITY, NY 11101

Phone number (for additional information) : +1 718 482 75 00

Emergency toxicological information : TOX Zentrum ; CH-8000 ZÜRICH

Phone number : +41 1 251 51 51

2. Product Preparation and Hazardous Ingredients

Substances which present a risk for health according to the directive 67/548/CEE on dangerous substances:

EINCS	Name	Conc.	Symbol	R-sentences
204-065-8	Dimethyl ether	<80 %	F+	R12
200-662-2	Acetone	<10 %	F, Xi	R11,36,66,67
200-661-7	Propane-2-ol	<8 %	F, Xi	R11,36,67
200-578-6	Ethanol	<3 %	F	R11
[25086-89-9]	PVP/VA Copolymerc	<3 %	F, Xi	R11,41

3. Health Hazard Information

Conform to the directive 1999/45/CE on labelling and classification for preparation

EXTREMELY FLAMMABLE F*

R 12 Extremely flammable.
 R 67 Inhalation can cause drowsiness.
 Possible risks of irreversible effects.

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4. First Aid and Emergency Procedures

Symptoms and effects

Repeated exposure to higher levels by inhalation will cause anesthetic effects. Moderately irritating to eyes.

First aid – General

In all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation

Bring victim into fresh air. Consult a physician. If breathing is irregular or stopped, administer artificial respiration.

Skin

Wash immediately with copious amounts of water. Take off contaminated clothing immediately. Seek medical advice if irritation develops.

Eye

Rinse immediately and as long as possible with plenty of water. Take advice of an ophthalmologist if necessary.

Ingestion

Rinse mouth with water. Do not induce vomiting. Transport to hospital. Send this Safety Data Sheet with the patient.

Advice to physician

Symptomatic treatment is advised. Inhalation can cause drowsiness. No specific antidote known.

5. Fire and Explosion

Extinguishing media

CO₂, extinguishing powder or water spray; fight larger fires with alcohol resistant foam or water spray.

Unsuitable extinguishing media

None known.

Special exposure hazards

Normally burning products CO, CO₂.

Protective equipment

Wear self contained breathing apparatus.

Other information

Cool closed containers with water. In case of fire and/or explosion do not breathe fumes.

6. Measures in Case of Unintended Release

Personal precautions

Do not breathe fumes. Avoid contact with skin and eyes.

Environmental precautions

Do not discharge into sewer.

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Methods for cleaning up

Isolate spill area. Collect as much as possible in a clean container for (preferable) reuse disposal. Cover the remainder with inert absorbent for disposal.

7. Handling and Storage

Handling

Handle in well ventilated areas.

Fire and explosion prevention

Take precautionary measures against static discharges.

Storage requirements

Store in a dry well ventilated place away from sources of heat and direct sunlight. Keep container tightly closed.

Other Information

Vapours are heavier than air and may spread along floors.

8. Limitation of Exposition and Personal Protection Equipment

Engineering controls

Provide adequate ventilation. See also Section 7.

Personal protection

Respiratory	Use self-contained or supplied-air respiratory equipment.
Hand	PVA or Viton gloves.
Eye	Safety goggles.
Skin and body	Protective clothing.

9. Physical and Chemical Properties

Appearance	Aerosol	
Colour	not applicable	(Aerosol)
Odour	ether, alcohol	
Boiling point/range	not applicable	(Aerosol)
Melting point/range	not applicable	(Aerosol)
Flash point	<0 °C	
Flammability	>240 °C	(DME)
Autoignition temperature		Aerosol
Explosive properties	Aerosol	

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Explosion limits	2,7 – 32 V%	(DME)
Oxidizing properties	not applicable	
Vapour pressure (20°C / 40°C)	5,0 / 8,88 bar	(DME)
Density [20°C]	not applicable	(Aerosol)
Solubility in water	not applicable	(Aerosol)
Solubility in fat	not determined	
pH value	not applicable	(Aerosol)
Partition coefficient (n-octanol/water)	not determined	
Relative vapour density (air = 1)	>1	
Viscosity	not applicable	(Aerosol)

10. Stability and Reactivity

Stability

No decomposition if used according to specifications.

Conditions to avoid

Avoid flames and other high temperature sources that induce thermal decomposition.

Materials to avoid

Acids, basis, alkaline metals.

Hazardous decomposition products

No hazardous decomposition products when stored and handled correctly.

Other information

In case of fire in addition to the stoichiometric burning products of hydrocarbon, and CO₂ there are no other hazardous decomposition products in quantities of relevance to the environment to be expected

11. Information about Toxicology

LD50 (rat, oral)	not applicable	(Aerosol)
Exposure limits	100 ppm	(DME)
Other tox information		

12. Information about Ecology

Water pollution class (WGK)	not applicable	(Aerosol)
Ecotoxicity		
Fish	not applicable	(Aerosol)
Daphnia	not applicable	(Aerosol)
Algae	not applicable	(Aerosol)
Degradation abiotic	not applicable	(Aerosol)

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Degradation biotic not applicable (Aerosol)

Other information For further information contact manufacturer.

13. Spill, Leak and Disposal Procedures

Product

According to local regulations. The product should not be allowed to enter drains and water courses.

Contaminated packaging

According to local regulations.

Other Information

For further advice contact manufacturer

14. Transport Information

ADR / RID

Class	2	Item no.	5F
UN No.	1950	Hazard label	2.1
Proper shipping name:		AEROSOLS, flammable gas	

ADN / ADNR 1950 / 2 / 5F

IMDG / GGVSee

Class	2	UN No.	1950
Packing group		Marine pollutant	---
EMS	F-D; S-U	MFAG	(former 620)
Proper shipping name:		Aerosols, flammable gas	

IATA-DGR / ICAO

Class	2.1	UN No.	1950
Packing group		Hazard Label(s)	Flamm. gas
Proper shipping name:		Aerosols, flammable, n.o.s.	
Pkg Instructions	Y203 / 203 / 203		

15. Informations réglementaires

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15.1 Classification / Symbols



F+

R(isk)-phrase(s)

R 12 Extremely flammable.
R 67 Inhalation can cause drowsiness.

S(afety)-phrase(s)

S 2 Keep out of the reach of children.
S 7 Keep container tightly closed.
S 9 Keep container in a well ventilated place.
S 16 Keep away from ignition sources – no smoking.
S 23 Do not breathe in the aerosol.
S 51 Use only in well ventilated areas.

Pressurized 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. Autres informations

Risk and safety phrases see section 15.

Basis: EC-directive 2001/158; Gefahrstoffverordnung, Chemikalien-Verbotsverordnung (Germany); safety data sheets of raw materials.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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