

# Material Safety Data Sheet according to (EC) 1907/2006



Tradename:

**Cetron – Care Spray**

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## SECTION 1: Identification of the substance/preparation and of the company/undertaking

### 1.1. Product identifier

Name of product: Cetron – Care Spray

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### Use of the substance/mixture

Auxiliary for dental technology

### 1.3. Details of the supplier of the safety data sheet

#### Manufacturer / distributor

SCHEU DENTAL GmbH

Am Burgberg 20

D-58642 Iserlohn

Tel. +49 (2374) 9288-0

Fax +49 (2374) 9288-90

eMail: [service@SCHEU-DENTAL.com](mailto:service@SCHEU-DENTAL.com)

Internet: [www.SCHEU-DENTAL.com](http://www.SCHEU-DENTAL.com)

1.4. Emergency telephone number: +49 (2374) 9288-0

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

#### Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Extremely flammable aerosol H222

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008

The product is classified and labelled according to the CLP regulation.

Signal word: Danger

Hazard Pictograms: GHS02



#### Hazard-determining components of labelling:

#### Hazard statements

H222	Extremely flammable aerosol.
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#### Precautionary statements

P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P251	Pressurized container: Do not pierce or burn, even after use.
P211	Do not spray on an open flame or other ignition source.
P271	Use only outdoors or in a well-ventilated area.
P410	Protect from sunlight.
P412	Do not expose to temperatures exceeding 50 °C / 122 °F

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## 2.3. Other hazards

Results of PBT an vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

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## SECTION 3: Composition / information on ingredients

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### 3.1. Substances

not applicable

### 3.2. Mixtures

#### **Hazardous components**

EC-No..	Chemical name	Quantity
CAS-No.	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
Index-No.		
REACH-No.		
200-857-2	isobutane	50 - 100 %
75-28-5	 Flam. Gas 1, H220, Press. Gas, H280	
200-578-6	ethanol	10 - 25 %
64-17-5	 Flam. Liq. 2, H225, Press. Gas, H280	

#### **Additional information**

For the wording of the listed H-phrases refer to section 16.

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## SECTION 4: First aid measures

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### 4.1. Description of first aid measures

- After inhalation:** Supply fresh air, consult a doctor in case of complaints.
- After contact with skin:** Generally the product does not irritate the skin.
- After contact with eyes:** Rinse opened eye for several minutes under running water.
- After ingestion:** If symptoms persist consult a doctor.

### 4.2. Most important symptoms and effects, both acute and delayed

No further relevant information available.

### 4.3. Indication of any immediate medical attention and special treatment needed

No further relevant information available.

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## SECTION 5: Firefighting measures

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### 5.1. Extinguishing media

#### **Suitable extinguishing media**

Carbon dioxide (CO<sub>2</sub>), sand, Fire-extinguishing powder.

Do not use water.

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## Unsuitable extinguishing media

Water with full jet.

## 5.2. Special hazards arising from the substance or mixture

No further relevant information available.

## 5.3. Advice for firefighters

### Special protective equipment for fire fighters:

No special measures required.

## Additional information

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## SECTION 6: Accidental release measures

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### 6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

### 6.2. Environmental precautions

Do not allow to enter into drains / surface or ground water.

### 6.3. Methods and material for containment and cleaning up

Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents.

### 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

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## SECTION 7: Handling and Storage

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### 7.1. Precautions for safe handling

#### Advice on safe handling

Open and handle receptacle with care.

#### Advice on protection against fire and explosion

Keep ignition sources away – Do not smoke. Protect against electrostatic charges.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Storage:

##### Requirements for storage rooms and vessels

Store in a cool location. Observe official regulations on storing packagings with pressurized containers.

##### Information about storage in one common storage facility:

Not required.

##### Further information on storage conditions

Keep receptacle tightly sealed. Store in cool, dry conditions in well sealed receptacles. Protect from heat and direct sunlight.

##### Storage class:

### 7.3. Specific end use(s)

No further relevant information available.

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## SECTION 8: Exposure controls / personal protection

### Additional information about design of technical facilities.

No further data ; see item 7.

### 8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace:					
75-28-5	isobutane	2400 mg/m <sup>3</sup>	1000 ml/m <sup>3</sup>	4 (II)	DFG
64-17-5	ethanol	960 mg/m <sup>3</sup>	500 ml/m <sup>3</sup>	2 (II)	DFG, Y

### Additional information:

The lists valid during the making were used as basis.

### 8.2. Exposure controls

#### Personal protective equipment:

#### Protective and hygiene measures:

Wash hands before breaks and at the end of work.

#### Respiratory protection

Not required.

#### Hand protection

Not required.

#### Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

#### Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

#### Eye/face protection

Tightly sealed goggles.

#### Limitation and supervision of exposure into the environment

No special precautions are necessary if used correctly.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### General Information

#### General information:

Form: Aerosol  
Colour: clear  
Odour: lemon

#### Change in condition

Melting point: undetermined  
Boiling point: -11 °C  
Flash point: not applicable, as aerosol  
Ignition temperature: 425 °C  
Self-igniting: Product is not self-igniting.

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## Danger of explosion:

Product is not explosive. However, formations of explosive air / vapour mixtures are possible.

## Explosion limits

Lower:

1.8 Vol%

Upper:

15.0 Vol%

Vapour pressure at 20°C:

3.000 hPa

Density at 20°C:

0.58g/cm<sup>3</sup>

Solubility in / Miscibility with water:

Not miscible or difficult to mix.

Solvent contents:

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Solids content:

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## 9.2. Other information

No further relevant information available.

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## SECTION 10: Stability and reactivity

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### 10.1. Reactivity

### 10.2. Chemical stability

No decomposition if used according to specifications.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known.

### 10.4. Conditions to avoid

No further relevant information available.

### 10.5. Incompatible materials

No further relevant information available.

### 10.6. Hazardous decomposition products

No dangerous decomposition products known.

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## SECTION 11: Toxicological Information

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### 11.1. Information on toxicological effects

#### Acute toxicity

No acute toxicity

#### Primary irritant effect:

**Serious eye damage / irritation**

**On the skin:** No irritant effect.

**On the eye:** No irritant effect.

#### Respiratory or skin sensitization

No sensitizing effects known.

#### Additional toxicological information:

#### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

No further relevant information available.

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## SECTION 12: Ecological Information

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### 12.1. Toxicity

#### Aquatic toxicity:

Generally not hazardous for water.

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## 12.2. Persistence and degradability

No further relevant information available.

## 12.3. Bioaccumulative potential

No further relevant information available.

## 12.4. Mobility in soil

No further relevant information available.

## 12.5. Results of PBT and vPvB assessment

**PBT:** Not applicable

**vPvB:** Not applicable

## 12.6. Other adverse effects

No further relevant information available.

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## SECTION 13: Disposal considerations

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### 13.1. Waste treatment methods

#### **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

#### **European waste catalogue**

**16 00 00** – Wastes not otherwise specified in the list

**16 05 00** – Gases in pressure containers and discarded chemicals.

**16 05 00** – Gases in pressure containers (including halons) containing dangerous substances.

#### **Uncleaned packaging:**

##### **Recommendation:**

Disposal must be made according to official regulations.

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## SECTION 14: Transport Information

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### **UN-Number**

**ADR, IMDG, IATA:**

UN 1950

### **UN proper shipping name**

**ADR**

1950 AEROSOLS

**IMDG**

AEROSOLS

**IATA**

AEROSOLS, flammable

### **Transport hazard classes**

**ADR**



**Class**

2.5F Gases

**Label**

2.1

**IMDG, IATA**



**Class**

2.1

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Label	2.1
Packaging group ADR, IMDG, IATA:	void
Environmental hazards Marine pollutant:	no
Special precautions for user Marine pollutant: EMS Number:	Warning: Gases - F-D, S-U
Transport in bulk according Annex II of MARPOL73/78 and IBC Code	Not applicable.
ADR Additional information Excepted quantities EQ: Limited quantities LQ: Transport category Tunnel restriction code UN "Model Regulation"	E0 1L 2 D UN 1950, AEROSOLS, 2.1

**14.5. Environmental hazards**

No

**14.6. Special precautions for user**

Warning: Gases

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**Section 15. Regulatory Information**

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**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

National regulations:

**15.2. Chemical Safety Assessment**

A Chemical Safety Assessment has not been carried out.

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**SECTION 16: Other Information**

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**Abbreviations and acronyms**

ADR	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG	International Maritime Code for Dangerous Goods
IATA	International Air Transport Association
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
CAS	Chemical Abstracts Service (division of the American Chemical Society)
GefStoffV	Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

**Relevant H- and EUH-phrases (number and full text)****Hazard statements**

H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H280	Contains gas under pressure; may explode if heated.

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**Further information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.