

**SAFETY DATA SHEET (EC 1907/2006)****Cercon eye Scan-Spray****DeguDent**

A Dentsply International Company

Material no.		Version	1.1 / GB
Specification	158811	Revision date	04.03.2010
VA-Nr		Print Date	04.03.2010
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**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product information**

Trade name	Cercon eye Scan-Spray
Company	DeguDent GmbH Postfach 1364 D-63403 Hanau
Telephone	+49 (0)6181/59-5767
Telefax	+49 (0)6181/59-5879
Email address	SDB@degudent.de
Emergency telephone number	+49 (0)180 / 23 24-555

Use of the Substance / Preparation For dental use only.

REACH Registration No.: if available listed in Chapter. 3

**2. HAZARDS IDENTIFICATION****Additional safety information for humans and the environment**Risk of bursting when overheated.  
Do not heat above 50 °C.Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C.  
Also after use, do not open with force or burn.  
Do not spray on a naked flame or any other incandescent material.  
Keep away from children.

Contains 8.5 percent by mass flammable components.

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Chemical nature**The preparation contains:  
coating powder on the base:  
Pigments**Information on ingredients / Hazardous components As per Directive 67/548/EC or Directive 1999/45/EC**

• ethanol			< 10%
CAS-No.	64-17-5	EC-No.	200-578-6

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See chapter 16 for text of risk phrases

### 4. FIRST AID MEASURES

#### General advice

Health injuries are not known or expected under normal use.  
The following actions are those for any chemicals which have no obvious health effects.  
Take care of your own personal safety.  
Remove victims from hazardous area.

#### Inhalation

If spray mist has been inhaled  
Move victims into fresh air.  
If symptoms persist, call a physician.

#### Skin contact

Product is generally not a skin irritant.  
Upon skin contact, wash with plenty of water and soap.  
In the case of skin irritation or allergic reactions see a physician.

#### Eye contact

Rinse thoroughly with plenty of water keeping eyelid open.  
In case of persistent discomfort: Consult an ophthalmologist.  
Possible discomfort is due to foreign substance effect.

#### Ingestion

Ingestion by swallowing is not considered a possible mode of exposure.  
Have the mouth rinsed with water.

### 5. FIRE-FIGHTING MEASURES

#### Suitable extinguishing media

All extinguishing substances suitable.

#### Specific hazards during fire fighting

May be released in case of fire:  
Carbon monoxide  
hydrogen fluoride  
Carbonylfluoride (COF<sub>2</sub>)

#### Special protective equipment for fire-fighters

In case of fire: wear a self contained respiratory apparatus

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions

Remove all sources of ignition. Ventilate the area.

#### Environmental precautions

Stop gas leak if this can be done at no risk.  
Prevent substance from entering sewers, cellars, trenches, pits or other places in which a collection of gas could be dangerous

#### Methods for cleaning up

Absorb mechanically avoiding production of dust.

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## 7. HANDLING AND STORAGE

### Handling

#### Safe handling advice

Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50 °C. Also after use, do not open with force or burn.

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep away from children.

#### Advice on protection against fire and explosion

Product is flammable.

Do not spray on a naked flame or any other incandescent material.

Keep away from open flames, hot surfaces and sources of ignition.

### Storage

#### Requirements for storage areas and containers

Keep in a cool, well-ventilated place.

BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50°. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects.

#### German storage class

2B - Compressed Gas (Aerosol cans)

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

### DNEL/DMEL and PNEC values

### Engineering measures

Ensure that there is suitable air extraction / ventilation in the workplace or at the working machines. If necessary extractor suction on specific objects.

### Personal protective equipment

#### Respiratory protection

If used in accordance with the regulations: No particular protective equipment required.

Do not inhale aerosol.

#### Hand protection

not required

Avoid contact with skin, eyes and clothing.

#### Eye protection

tightly fitting safety goggles

#### Hygiene measures

The usual precautionary measures for dealing with chemicals should be observed. No eating, drinking, smoking, or snuffing tobacco at work. Wash face and/or hands before break and end of work.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Form	aerosol compressed liquefied gas
Colour	colourless - white
Odour	alcoholic

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**Safety data**

pH	not determined	
Boiling point/range	-17 °C	
Flash point	not applicable	
Ignition temperature	425 °C	
Autoinflammability	not auto-flammable	
Explosiveness	Risk of bursting when overheated. Do not heat above 50 °C.	
Vapour pressure	4.0 bar	(20 °C)
	7.0 bar	(40 °C)
Density	ca. 1.4 g/cm <sup>3</sup>	(20 °C)
Water solubility	Contains water-soluble components. related to substance: Ethanol	

**10. STABILITY AND REACTIVITY**

Conditions to avoid	temperatures: > 50 °C Risk of bursting when overheated.
Hazardous decomposition products	decomposition products In the case of fire Carbon monoxide, hydrogen fluoride, carbonyl fluoride

**11. TOXICOLOGICAL INFORMATION**

*No results of animal experiments with this preparation are available.*

Acute oral toxicity	LD50 Rat: 7060 mg/kg related to substance: Ethanol
Skin irritation	no irritating effects
Eye irritation	Product dust may cause temporary mechanical eye irritation.

**12. ECOLOGICAL INFORMATION****Ecotoxicity effects**

*Ecotoxicological tests with this preparation are not available.*

**13. DISPOSAL CONSIDERATIONS****Product**

Disposal according to local authority regulations.

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**Uncleaned packaging**

Disposal according to local authority regulations.

**14. TRANSPORT INFORMATION****Land transport ADR/RID/GGVSEB (Germany)**

	Class	2
	ADR/RID-Labels	2.1
	UN-No	1950
	orange warning plate	/ 1950
	Tunnel Restriction Code (ADR)	(D)
	Description of the goods (Technical name)	
	AEROSOLS	

**Sea transport IMDG-Code/GGVSee (Germany)**

	Class	2.1
	UN-No	1950
	EmS	F-D, S-U
	Proper technical name (Proper shipping name)	
	AEROSOLS	

**Air transport ICAO-TI/IATA-DGR**

	Class	2.1
	UN-No	1950
	Proper technical name (Proper shipping name)	
	Aerosols, flammable	

**Inland waterway transport ADN/ADNR/GGVSEB (Germany)**

	Class	2
	ADR/RID-Labels	2.1
	UN-No / Substance number	1950
	Description of the goods (Technical name)	
	AEROSOLS	

**Loading instructions/Remarks**

	IATA_C	ERG-Code 10L
	IATA_P	ERG-Code 10L

**15. REGULATORY INFORMATION****Labelling according to EC Directives**

<b>Symbol(s)</b>	F	Highly flammable
<b>R-phrase(s)</b>	R11	Highly flammable.
<b>S-phrase(s)</b>	S23 S51	Do not breathe spray. Use only in well-ventilated areas.

**Supplemental hazard / labelling elements (EU):**

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C.  
Also after use, do not open with force or burn.  
Do not spray on a naked flame or any other incandescent material.  
Keep away from sources of ignition - No smoking.  
Keep away from children.

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**DeguDent***A Dentsply International Company***National legislation****16. OTHER INFORMATION****Risk phrase (R phrase) texts****Further information**

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.