

# Safety Data Sheet

according to the Commission Directive 91/155/CEE and 93/112/CE

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## 580 OCCLUSAL SPRAY

### 1. Identification of the Substance / Preparation and Company Identification

#### 1.1 Identification of the Substance / Preparation:

OCCLUSAL SPRAY – article no. 580-2007

#### 1.2 Company Identification:

YETI Dentalprodukte GmbH  
Industriestraße 3, D-78234 Engen, Tel. (0049)07733-94100, Fax. (0049)07733-941022

### 2. Composition / Information on Ingredients

Chemical characterization: pressure packaging-aerosol spray can with ingredients, consisting of (food) micro powder, (food) agent, odorous substance and ozone safe gas mixture n-butan/ iso-butan/ propan

Hazardous ingredients:

CAS-No.	Component	mark.	
	n-Butan/ iso-Butan/ Propan	F+	R-12

### 3. Hazard Identification:

Mark of hazard: F+

Important hazard information for humans and ecology:

R 12 highly flammable

R 18 possible formation of explosive / highly flammable vapor/ air mixtures during use  
packaging under pressure

classification: classification according to valid CE guidelines and completed by company and literature information

### 4. First-aid measures

General information:

After inhalation: Possible effects: cough, sneezing. Supply affected person with fresh air.

After eye contact: Rinse open eye with plenty of running water.. Consult doctor in case of symptoms.

### 5. Fire-fighting measures

Fire extinguishing agents: dry chemical powder, foam

Extinguishing agents unsuitable for safety reasons: -

Dangerous decomposition products: -

Special protective equipment: -

Special fire-fighting comments: -

### 6. Accidental release measures

Person-related safety precautions: Keep away from ignition sources, provide adequate ventilation, pick out untight recipients

Environmental protection: -

Special fire-fighting comments: -

### 7. Handling and storage

Information for safe handling: Recipient under pressure! Do not open by force; do not spray against flames or glowing objects.

Storage: technical measures/ conditions of storage: store at room temperature in rooms with good circulation. Protect from temperatures of more than 50°C and direct sunlight. Keep away from heat sources. Do not smoke! Do not open by force or burn even after! Dispose only when completely empty! Keep product out of children's reach!  
Observe storage directions according to TRG 300.

## 8. Exposure controls/ personal protection

Additional information for equipment of technical plants: -

Limits of exposition: not applicable

General safety and hygiene measures: Keep away from ignition and heat sources. Do not smoke.

Personal protection: not applicable

Respiratory protection: -

Hand protection: -

Eye protection: -

## 9. Physical and chemical properties

Physical state: Aerosol micro powder + chemically inert agent + odorous substance + liquid gas

Color: green

Odor: specific

Escaping proportionate amount of propellant becomes gaseous immediately

Boiling point/ range: -0,5°C - -11,7°C

Ignition temperature: > 365°C

Flash point: combustible liquid gas

Danger of explosion: danger of bursting when overheated

Explosion limits:

lower: 1,5 Vol.% upper: 8,5 Vol.%

Vapor pressure: 2,5 – 3,0 mbar at 20°C; 6,0 – 6,9 at 50°C

Density: 0,54 – 0,59 g/cm<sup>3</sup> at 20°C

Solubility in/ Miscibility with water: slightly ph-value: not applicable

## 10. Stability and reactivity

Thermal decomposition: none - at adequate storage and handling

Hazardous reactions: danger of bursting when overheated (> 50°C) by the raising inner pressure

Dangerous products of decomposition: none

## 11. Toxicological information

Acute toxicity: none at sufficient supply of oxygen

Primary irritant effect: cooling effect in area of spraying

Skin contact: -

Eye contact: May cause irritation due to effect of extraneous substance

Sensitization: -

Additional toxicological information: -

## 12. Ecological Information

General information: immediate evaporation of liquid at normal pressure, no pollution of water or effects to fish known.

Dangerousness to Water: class: 0 (self-declaration)

## 13. Disposal consideration

Recommendation: Dispose completely empty can with household waste, for disposal of can with content dispose according to local official regulations.

Disposal Key no. 59902

## 14. Transport information

Land transportation ADR/RID and GGVS / GGVE (across border/ domestic)  
ADR / RID-GGVS/E Class: 2, compressed, liquid gases or gases dissolved under pressure  
Clause/ Letter : 5F  
Kemler-No. -  
UN-No.: 1950  
Description of the good : pressure cylinder  
Comments: Accident leaflet-No.: 200  
Sea transportation IMDG/GGVSea:  
IMDG/GGVSea-class: 2  
Page: 2102  
UN-No.: 1950  
EMS-No.: 2 – 3  
MFAG: 620  
Correct technical name : aerosols  
Air transportation ICAO-TI and IATA-DGR:  
ICAO/IATA-class: 2.1  
UN/ID-No.: 1950  
Correct technical name: aerosols, flammable

## 15. Regulatory information

Mark according to EEC guidelines:

The product is classified and marked according to CE-guidelines/ GefStoffV (Hazardous Substance Decree)

Identification and hazard description: F+

R-sentences:

R 12 Highly flammable

R 18 Possible formation of explosive / highly flammable vapor/ air mixtures during use

S-sentences: S(2)-8-16-33

National regulations: TRG aerosols/ special requirements for pressure cans

(Pressure packagings) Identification: BOTTLE IS UNDER PRESSURE. DO NOT OPEN BY FORCE OR DAMAGE. PROTECT AGAINST SUN AND HEAT ABOVE 50°C. DO NOT SPRAY IN OPEN FLAMES OR ON HOT OBJECTS. DISPENSE ONLY IF COMPLETELY EMPTY. FLAMMABLE!

Classification according to VbF: A1

Water pollution class: 0 (self classification)

## 16. Other information

Observe warnings on can strictly!

The statements of this Safety Data Sheet correlate to our stand of knowledge and experiences at the date stated below. Flawlessness, reliability and completeness is not warranted by the publisher.

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