

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

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**Product name:** Vertex™ Thermo Gloss Emulsion

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**Address/Phone no.:** Vertex-Dental B.V.  
P.O.Box 10  
3700 AA Zeist  
The Netherlands  
[info@vertex-dental.com](mailto:info@vertex-dental.com)

**Emergency Phone No.:** +31 30 6976749 (only available during office hours)

**Local Contact Details:**

**Local Emergency Phone no.:**

**Intended Use:** Polish emulsion.

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## 2. HAZARDS IDENTIFICATION

**Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]**  
Emulsion of water, oil and polish medium.

**Classification according to EU directives 67/548/EEC or 1999/45/EC**  
Irritating (Xi).

### Label elements

**Labelling according Regulation (EC) no 1272/2008 [CLP]**

Pictogram



**Signal word:** Not applicable

**Hazard statement(s)**  
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**Precautionary statement(s)**  
P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P280 Wear protective gloves/ eye protection/ face protection.

**Supplement Hazard Information (EU)**  
EUH210 Safety data sheet available on request.

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**According to European Directive 67/548/EEC as amended**

Hazard symbol (s)



R-phrase(s)

R41

Risk of serious damage to eyes.

S-phrase(s)

S22

Do not breathe dust

S25

Avoid contact with eyes

Other hazards

No special hazards are known when handling polishing emulsions, using the safety work precautions and personal protective equipment.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is not classified as a dangerous substance according Regulation (EC) No 1272/2008 [EU-GHS/CLP].

### 4. FIRST AID MEASURES

#### Description of first aid measures

Inhalation: Obtain medical attention.

Skin contact: In general the product is mild irritation to the skin. Wash with plenty of water.

Eye contact: Flush eyes with clean, low pressure water at least 15 minutes, obtain medical attention.

Ingestion : In case of discomfort, obtain medical attention.

### 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: The product does not burn.

Specific hazards during: No data available.

Advice for fire fighters: No data available.

Further information: -

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: None required.

Environmental precautions: Do not let product enter drains.

Cleaning methods: Mechanic cleaning.

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## 7. HANDLING AND STORAGE

**Handling** Personal protection equipment: Use safety glasses.  
Skin protection: In case of frequent, long or intensive skin contact, use protection gloves.  
Respiratory protection: automatic exhaustion during polishing.

**Storage** Requirement of storage space and containers:  
Use only containers that are especially suited for the product.  
Adequate area ventilation. The product contains a metal alloy, it is advised to store the product in such a way that no negative influences can occur. Keep in well ventilated storage rooms and protect the product against high humidity.  
The storage shall be such that a reduction of safety factors by frost, moisture, heat, or aggressive media is avoided.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

#### Exposure controls

#### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Special attention to the rotation speed of the maximum allowable speed for polish brushes.

#### Personal protective equipment

#### Eye/face protection

Safety glasses.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Form	Liquid
Colour	White
Odour	Lemon

### Safety data

PH	Slightly acidic
Melting point	0°C
Flash point	170°C
Flammable limits (%vol in air)	
Lower	Not applicable
Upper	Not applicable
Specific gravity	1,05 g/cm <sup>3</sup>
Water solubility	Complete miscible

@ 20°C

## 10. STABILITY AND REACTIVITY

**Reactivity** No data available.

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Chemical stability	Stable
Possibility of hazardous reactions	Not expected to occur.
Conditions to avoid	No decomposition when used according the intended use.
Incompatible materials	Warm Alkali-solutions and acids. .
Hazardous decomposition products	No data available.

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## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity**  
No data available.

**Sub-acute /Chronic toxicity**  
No data available.

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## 12. ECOLOGICAL INFORMATION

Ecotoxicological Information	Water hazard class 1.
Chemical fate information	Let not enter groundwater undiluted, flush the drain with water..

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## 13. DISPOSAL CONSIDERATIONS

Disposal method	Disposal should be made in accordance with federal, state and local guidelines.
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## 14. TRANSPORT INFORMATION

Not Classified as Dangerous for Transport.

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## 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No data available.

**Chemical safety assessment**  
No data available.

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## 16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable in the product with regard to appropriate safety precautions.

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Places marked by || have been amended from the last version.

This is the end of MSDS ID: TG-E-00-UK