

## Safety Data Sheet

according to UN GHS (ST/SG/AC.10/11/Rev.8)

### VITA AKZENT Plus GLAZE LT SPRAY

Revision date: 21.08.2019

Product code: 326

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## 1. Identification

### Product identifier

VITA AKZENT Plus GLAZE LT SPRAY

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

#### Use of the substance/mixture

Use as laboratory reagent

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

|                         |                                       |                             |
|-------------------------|---------------------------------------|-----------------------------|
| Company name:           | VITA Zahnfabrik H.Rauter GmbH & Co.KG |                             |
| Street:                 | Spitalgasse 3                         |                             |
| Place:                  | D-79713 Bad Säckingen                 |                             |
| Post-office box:        | 1338                                  |                             |
|                         | D-79704 Bad Säckingen                 |                             |
| Telephone:              | +49(0)7761-562-0                      | Telefax: +49(0)7761-562-299 |
| e-mail:                 | info@vita-zahnfabrik.com              |                             |
| Contact person:         | regulatory affairs                    |                             |
| e-mail:                 | info@vita-zahnfabrik.com              |                             |
| Internet:               | www.vita-zahnfabrik.com               |                             |
| Responsible Department: | Regulatory Affairs                    |                             |

**Emergency telephone number:** +49-(0)761-19240

### Further Information

medical device

## 2. Hazard identification

### Classification of the substance or mixture

#### UN GHS (ST/SG/AC.10/11/Rev.8)

Hazard categories:

Aerosol: Aerosol 1

Hazard Statements:

Extremely flammable aerosol.

Pressurized container: may burst if heated.

### Label elements

#### UN GHS (ST/SG/AC.10/11/Rev.8)

**Signal word:** Danger**Pictograms:**

#### Hazard statements

H222 Extremely flammable aerosol.

H229 Pressurized container: may burst if heated.

#### Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

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#### Other hazards

No information available.

### 3. Composition/information on ingredients

#### Mixtures

### 4. First-aid measures

#### Description of first aid measures

##### **After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water.

##### **After ingestion**

Rinse mouth immediately and drink plenty of water.

#### Most important symptoms and effects, whether acute or delayed

No information available.

#### Indication of immediate medical attention and special treatment needed

Treat symptomatically.

### 5. Fire-fighting measures

#### Extinguishing media

##### **Suitable extinguishing media**

Carbon dioxide (CO<sub>2</sub>), Foam, Extinguishing powder.

##### **Unsuitable extinguishing media**

Water.

#### Specific hazards arising from the hazardous product

Extremely flammable liquid and vapour. Vapours can form explosive mixtures with air.

#### Special protective equipment and precautions for fire-fighters

In case of fire: Wear self-contained breathing apparatus.

#### **Additional information**

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### 6. Accidental release measures

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

##### **General advice**

Remove all sources of ignition.

#### Environmental precautions

Do not allow uncontrolled discharge of product into the environment. Danger of explosion

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

##### **Other information**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

#### Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

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## 7. Handling and storage

### Precautions for safe handling

#### Advice on safe handling

No special measures are necessary.

#### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Vapours can form explosive mixtures with air.

#### Advice on general occupational hygiene

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

### Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

#### Hints on joint storage

Do not store together with: Oxidising agent. Pyrophoric or self-heating substances.

## 8. Exposure controls/Personal protection

### Control parameters

### Exposure controls



### Individual protection measures, such as personal protective equipment

#### Eye/face protection

Wear eye/face protection.

#### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

#### Skin protection

Flame-retardant protective clothing. Wear anti-static footwear and clothing

#### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

|                 |                |
|-----------------|----------------|
| Physical state: | Aerosol        |
| Colour:         | whitish        |
| Odour:          | characteristic |

#### Changes in the physical state

Melting point/freezing point: not determined

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|   |                           |
|---|---------------------------|
| Boiling point or initial boiling point and boiling range: | -11 °C                    |
| Flash point:  | -60 °C                    |
| <b>Flammability</b>                                       |                           |
| Solid/liquid:   | not applicable            |
| Gas:  | not applicable            |
| Lower explosive limits:                                   | not determined            |
| Upper explosive limits:                                   | not determined            |
| <b>Self-ignition temperature</b>                          |                           |
| Solid:  | not applicable            |
| Gas:  | not applicable            |
| Decomposition temperature:                                | not determined            |
| pH-Value:   | not determined            |
| Water solubility:   | No                        |
| <b>Solubility in other solvents</b>                       |                           |
| not determined  |                           |
| Partition coefficient n-octanol/water:                    | not determined            |
| Vapour pressure:<br>(at 50 °C)                            | <=1100 hPa                |
| Density:  | 0,64000 g/cm <sup>3</sup> |
| Relative vapour density:                                  | not determined            |

#### Other information

##### Information with regard to physical hazard classes

Oxidizing properties  
Not oxidising.

##### Other safety characteristics

Solid content: 0,0 %  
Evaporation rate: not determined

## 10. Stability and reactivity

#### Reactivity

Extremely flammable liquid and vapour.

#### Chemical stability

The product is stable under storage at normal ambient temperatures.

#### Possibility of hazardous reactions

No known hazardous reactions.

#### Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Vapours can form explosive mixtures with air.

#### Incompatible materials

No information available.

#### Hazardous decomposition products

No known hazardous decomposition products.

## 11. Toxicological information

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#### Information on toxicological effects

#### 12. Ecological information

##### Ecotoxicity

The product is not: Ecotoxic.

##### Persistence and degradability

The product has not been tested.

##### Bioaccumulative potential

The product has not been tested.

##### Mobility in soil

The product has not been tested.

##### Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

##### Other adverse effects

No information available.

##### Further information

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

#### 13. Disposal considerations

##### Waste treatment methods

##### Disposal recommendations

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

##### Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

#### 14. Transport information

##### Marine transport (IMDG)

|   |          |
|---|----------|
| <u>UN number or ID number:</u>              | UN 1950  |
| <u>United Nations proper shipping name:</u> | AEROSOLS |
| <u>Transport hazard class(es):</u>          | 2.1      |
| <u>Packing group:</u>                       | -        |
| Hazard label:                               | 2.1      |



|                   |         |
|-------------------|---------|
| Marine pollutant: | Nein    |
| EmS:              | F-D,S-U |

##### Air transport (ICAO-TI/IATA-DGR)

|   |                     |
|---|---------------------|
| <u>UN number or ID number:</u>              | UN 1950             |
| <u>United Nations proper shipping name:</u> | Aerosols, flammable |
| <u>Transport hazard class(es):</u>          | 2.1                 |
| <u>Packing group:</u>                       | -                   |
| Hazard label:                               | 2.1                 |

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#### Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

#### Special precautions for user

Warning: Flammable gases.

#### Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

not applicable

### 15. Regulatory information

#### National regulatory information

Employment restrictions: Observe employment restrictions for young people.

### 16. Other information

#### Changes

This data sheet contains changes from the previous version in section(s): 1,2.

#### 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

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

#### 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.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*