**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

1.1. **Product identifier**

VITA AKZENT Plus PASTE

Further trade names

(VITA AKKZENT Plus - BODY STAINS PASTE,-EFFECT STAINS PASTE,-GLAZE PASTE,-GLAZE LT PASTE,-
FINISHING AGENT PASTE)

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

Use of the substance/mixture

Use as laboratory reagent

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

Company name: VITA Zahnfabrik H. Rauter GmbH & Co. KG
Post-office box: 1338
79704 Bad Säckingen

Telephone: +49(0)7761-562-0
Telefax: +49(0)7761-562-299
E-mail: info@vita-zahnfabrik.com
Internet: www.vita-zahnfabrik.com

1.4. **Emergency telephone number:**

+49-(0)7761-562-0

**SECTION 2: Hazards identification**

2.1. **Classification of the substance or mixture**

Regulation (EC) No. 1272/2008
This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. **Label elements**

Regulation (EC) No. 1272/2008

Special labelling of certain mixtures

EUH208 Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

EUH210 Safety data sheet available on request.

2.3. **Other hazards**

No information available.

**SECTION 3: Composition/information on ingredients**

3.2. **Mixtures**

Chemical characterization

Ceramic Solvent

**SECTION 4: First aid measures**

4.1. **Description of first aid measures**

After inhalation

Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. Medical treatment necessary.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated
clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

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

After ingestion
Rinse mouth immediately and drink plenty of water.

4.2. Most important symptoms and effects, both acute and delayed
No information available.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media
Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture
Non-flammable.

5.3. Advice for firefighters
In case of fire: Wear self-contained breathing apparatus.

Additional information
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Use personal protection equipment.

6.2. Environmental precautions
Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up
Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections
Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Advice on safe handling
No special measures are necessary.

Advice on protection against fire and explosion
No special fire protection measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities
Requirements for storage rooms and vessels
Keep container tightly closed.

Hints on joint storage
No special measures are necessary.

7.3. Specific end use(s)
Use as laboratory reagent

SECTION 8: Exposure controls/personal protection
8.1. Control parameters

Occupational exposure limits

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Substance</th>
<th>ppm</th>
<th>mg/m³</th>
<th>fibr/cm³</th>
<th>Category</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>56-81-5</td>
<td>(OLD) Glycerol, mist</td>
<td>-</td>
<td>10</td>
<td></td>
<td>TWA (8 h)</td>
<td></td>
</tr>
</tbody>
</table>

8.2. Exposure controls

**Protective and hygiene measures**
Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

**Eye/face protection**
Wear eye protection/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**
Use of protective clothing.

**Respiratory protection**
Technical ventilation of workplace.

### SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

**Physical state:**

**Colour:**

**Odour:** characteristic

**pH-Value:** not determined

**Changes in the physical state**

**Melting point:** not determined

**Initial boiling point and boiling range:** ?

**Flash point:** > 100 °C

**Flammability**

**Solid:** not determined

**Gas:** not applicable

**Explosive properties**

The product is not: Explosive.

**Lower explosion limits:** not determined

**Upper explosion limits:** not determined

**Auto-ignition temperature**

**Solid:** not determined

**Gas:** not applicable
Decomposition temperature: not determined

**Oxidizing properties**
Not oxidising.

Vapour pressure: <=1100 hPa
(at 50 °C)

Density: not determined

Water solubility: No

**Solubility in other solvents**
not determined

Partition coefficient: not determined

Vapour density: not determined

Evaporation rate: not determined

**9.2. Other information**

Solid content: 0.0 %

### SECTION 10: Stability and reactivity

**10.1. Reactivity**
No hazardous reaction when handled and stored according to provisions.

**10.2. Chemical stability**
The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**
No known hazardous reactions.

**10.4. Conditions to avoid**
none

**10.5. Incompatible materials**
No information available.

**10.6. Hazardous decomposition products**
No known hazardous decomposition products.

### SECTION 11: Toxicological information

**11.1. Information on toxicological effects**

Additional information on tests
The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

### SECTION 12: Ecological information

**12.1. Toxicity**
The product is not: Ecotoxic.

**12.2. Persistence and degradability**
The product has not been tested.

**12.3. Bioaccumulative potential**
The product has not been tested.

**12.4. Mobility in soil**
The product has not been tested.

**12.5. Results of PBT and vPvB assessment**
The product has not been tested.
12.6. Other adverse effects
No information available.

Further information
Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations
Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Contaminated packaging
Wash with plenty of water. Completely emptied packages can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards
ENVIROMENTALLY HAZARDOUS: no

14.6. Special precautions for user
No information available.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
not applicable

SECTION 15: Regulatory information

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

EU regulatory information
2004/42/EC (VOC): 0,015 %
**Information according to 2012/18/EU (SEVESO III):**

Not subject to 2012/18/EU (SEVESO III)

### National regulatory information

- **Water hazard class (D):** 1 - slightly hazardous to water
- **Skin resorption/Sensitization:** Causes allergic hypersensitivity reactions.

### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

**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%
- **CLP:** Classification, labelling and Packaging
- **REACH:** Registration, Evaluation and Authorization of Chemicals
- **GHS:** Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
- **UN:** United Nations
- **DNEL:** Derived No Effect Level
- **DMEL:** Derived Minimal Effect Level
- **PNEC:** Predicted No Effect Concentration
- **ATE:** Acute toxicity estimate
- **LL50:** Lethal loading, 50%
- **EL50:** Effect loading, 50%
- **EC50:** Effective Concentration 50%
- **ErC50:** Effective Concentration 50%, growth rate
- **NOEC:** No Observed Effect Concentration
- **BCF:** Bio-concentration factor
- **PBT:** persistent, bioaccumulative, toxic
- **vPvB:** very persistent, very bioaccumulative
- **RID:** Regulations concerning the international carriage of dangerous goods by rail
- **ADN:** European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)
- **EmS:** Emergency Schedules
- **MFAG:** Medical First Aid Guide
- **ICAO:** International Civil Aviation Organization
- **MARPOL:** International Convention for the Prevention of Marine Pollution from Ships
- **IBC:** Intermediate Bulk Container
- **VOC:** Volatile Organic Compounds
- **SVHC:** Substance of Very High Concern

For abbreviations and acronyms, see table at [http://abbrev.esdscom.eu](http://abbrev.esdscom.eu)

**Relevant H and EUH statements (number and full text)**

- **EUH208** Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.
- **EUH210** Safety data sheet available on request.
Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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