# VITA AMBRIA INVEST F

**Product code:** 329  
**Revision date:** 21.11.2019

## 1. Identification

**Product identifier**  
VITA AMBRIA INVEST F

**Recommended use of the chemical and restrictions on use**

- **Use of the substance/mixture**
  - Auxiliary for manufacture of dental products
  - Laboratory chemicals

**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

**Emergency phone number:** +49-(0)7761-562-0

## 2. Hazard(s) identification

**Classification of the chemical**

- **29 CFR Part 1910.1200**  
  This mixture is not classified as hazardous in accordance with Regulation 29 CFR 1910.1200(d).

**Label elements**

- **Hazards not otherwise classified**
  No information available.

## 3. Composition/information on ingredients

**Mixtures**

- **Chemical characterization**
  Mixtures Product/Substance is inorganic.

## 4. First-aid measures

**Description of first aid measures**

- **After inhalation**
  Provide fresh air.

- **After contact with skin**
  Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

- **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, both acute and delayed**

No information available.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

## 5. Fire-fighting measures

**Exttinguishing media**
Safety Data Sheet

according to 29 CFR 1910.1200(g)

VITA Zahnfabrik H. Rauter GmbH & Co. KG

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1. Identity

VITA AMBRIA INVEST F

2. Hazard identification

Specific hazards arising from the chemical

Non-flammable.

3. Composition/information on ingredients

4. First aid measures

Specific protective equipment and precautions for fire-fighters

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

5. Fire-fighting measures

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protection equipment.

Environmental precautions

No special environmental measures are necessary. Clean contaminated articles and floor according to the environmental legislation.

Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. 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 (PPE): see section 8
Disposal: see section 13

7. Handling and storage

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.

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.

Further information on storage conditions
storage temperature: 5 - 35° C

8. Exposure controls/personal protection

Control parameters

Exposure limits

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Substance</th>
<th>ppm</th>
<th>mg/m³</th>
<th>f/cc</th>
<th>Category</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>7631-86-9</td>
<td>Silica, amorphous</td>
<td>-</td>
<td>6</td>
<td></td>
<td>TWA (8 h)</td>
<td>REL</td>
</tr>
</tbody>
</table>

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

In case of inadequate ventilation wear respiratory protection.

#### 9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Information on basic physical and chemical properties</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state: Liquid</td>
<td></td>
</tr>
<tr>
<td>Color: white</td>
<td></td>
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<tr>
<td>pH-Value: 9,5</td>
<td></td>
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<tr>
<td>Changes in the physical state</td>
<td></td>
</tr>
<tr>
<td>Melting point/freezing point: 0 °C</td>
<td></td>
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<tr>
<td>Initial boiling point and boiling range: 100 °C</td>
<td></td>
</tr>
<tr>
<td>Flash point: not applicable</td>
<td></td>
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<tr>
<td>Flammability</td>
<td></td>
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<tr>
<td>Solid: not applicable</td>
<td></td>
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<tr>
<td>Gas: not applicable</td>
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<tr>
<td>Explosive properties</td>
<td></td>
</tr>
<tr>
<td>The product is not: Explosive.</td>
<td></td>
</tr>
<tr>
<td>Lower explosion limits: not determined</td>
<td></td>
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<tr>
<td>Upper explosion limits: not determined</td>
<td></td>
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<tr>
<td>Auto-ignition temperature</td>
<td></td>
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<tr>
<td>Solid: not applicable</td>
<td></td>
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<tr>
<td>Gas: not applicable</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature: not determined</td>
<td></td>
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<tr>
<td>Oxidizing properties</td>
<td></td>
</tr>
<tr>
<td>Not oxidising.</td>
<td></td>
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<tr>
<td>Vapor pressure: 23 hPa</td>
<td></td>
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<tr>
<td>(at 20 °C)</td>
<td></td>
</tr>
<tr>
<td>Density: 1,1-1,4 g/cm³</td>
<td></td>
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<tr>
<td>Water solubility: easily soluble</td>
<td></td>
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<tr>
<td>Solubility in other solvents</td>
<td></td>
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<tr>
<td>not determined</td>
<td></td>
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<tr>
<td>Partition coefficient: not determined</td>
<td></td>
</tr>
<tr>
<td>Viscosity / dynamic: &lt; 20 mPa·s</td>
<td></td>
</tr>
<tr>
<td>(at 20 °C)</td>
<td></td>
</tr>
<tr>
<td>Vapor density: not determined</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate: not determined</td>
<td></td>
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<tr>
<td>Other information</td>
<td></td>
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<tr>
<td>Solid content: not determined</td>
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</tbody>
</table>
10. Stability and reactivity

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

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

Possibility of hazardous reactions
No known hazardous reactions.

Conditions to avoid
Steel, Aluminium, Copper

Incompatible materials
No information available.

Hazardous decomposition products
No known hazardous decomposition products.

11. Toxicological information

Information on toxicological effects
Carcinogenicity (OSHA): No ingredient of this mixture is listed.
Carcinogenicity (IARC): Silica, amorphous (CAS 7631-86-9) is listed in group 3.
Carcinogenicity (NTP): No ingredient of this mixture is listed.

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

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.

Other adverse effects
No information available.

Further information
Avoid release to the environment.

13. Disposal considerations

Waste treatment methods

Disposal recommendations
Dispose of waste according to applicable legislation.

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

14. Transport information

Marine transport (IMDG)
No dangerous good in sense of this transport regulation.

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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)
IMDG: International Maritime Code for Dangerous Goods
EmS: Emergency Schedules
MFAG: Medical First Aid Guide
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
MARPOL: International Convention for the Prevention of Marine Pollution from Ships
IBC: Intermediate Bulk Container
SVHC: Substance of Very High Concern
For abbreviations and acronyms, see table at http://abbrev.esdscom.eu

Other data
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.)