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

1.1. Product identifier
VITA INTERNO Fluid

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

Further Information
medical device

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

2.2. Label elements

No information available.

SECTION 3: Composition/information on ingredients

3.1. Substances

Chemical characterization
Substance, organic

SECTION 4: First aid measures

4.1. 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.

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. Vapours can form explosive mixtures with air.

5.3. Advice for firefighters
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.

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
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.

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

8.2. Exposure controls

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

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. Recommended glove articles KCL Dermatril P NBR (Nitrile rubber)

Skin protection
Wear suitable protective clothing.

Respiratory protection
Technical ventilation of workplace Provide adequate ventilation as well as local exhaustion at critical locations.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state: colourless</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH-Value: not determined</td>
</tr>
<tr>
<td>Changes in the physical state</td>
</tr>
<tr>
<td>Melting point: not determined</td>
</tr>
<tr>
<td>Initial boiling point and boiling range: 192 °C</td>
</tr>
<tr>
<td>Flash point: 93 °C</td>
</tr>
<tr>
<td>Flammability</td>
</tr>
<tr>
<td>Solid: not applicable</td>
</tr>
<tr>
<td>Gas: not applicable</td>
</tr>
<tr>
<td>Lower explosion limits: 2,6 vol. %</td>
</tr>
<tr>
<td>Upper explosion limits: 12,6 vol. %</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
</tr>
<tr>
<td>Solid: not applicable</td>
</tr>
<tr>
<td>Gas: not applicable</td>
</tr>
<tr>
<td>Decomposition temperature: not determined</td>
</tr>
<tr>
<td>Oxidizing properties</td>
</tr>
<tr>
<td>Not oxidising.</td>
</tr>
<tr>
<td>Vapour pressure: &lt;=1100 hPa (at 50 °C)</td>
</tr>
<tr>
<td>Density: not determined</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
</tr>
<tr>
<td>not determined</td>
</tr>
<tr>
<td>Partition coefficient: not determined</td>
</tr>
<tr>
<td>Vapour density: not determined</td>
</tr>
<tr>
<td>Evaporation rate: not determined</td>
</tr>
</tbody>
</table>

9.2. Other information

| Solid content: 1,0 % |

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

Acute toxicity
Based on available data, the classification criteria are not met.

Irritation and corrosivity
Based on available data, the classification criteria are not met.

Sensitising effects
Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction
Based on available data, the classification criteria are not met.

STOT-single exposure
Based on available data, the classification criteria are not met.

STOT-repeated exposure
Based on available data, the classification criteria are not met.

Aspiration hazard
Based on available data, the classification criteria are not met.

Additional information on tests
The substance 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
Handle contaminated packages in the same way as the substance itself.

### 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
- ENVIRONMENTALLY 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

- **National regulatory information**
  - Water hazard class (D): 1 - slightly hazardous to water

#### 15.2. Chemical safety assessment
For this substance a chemical safety assessment has not been 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
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.