

### VITA AKZENT Plus POWDER FLUID

Revision date: 31.05.2017

Product code: 278-CN

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

##### 1.1. Product identifier

VITA AKZENT Plus POWDER FLUID

REACH Registration Number: 01-2119449341-44-XXX  
 CAS No: 111-29-5  
 EC No: 203-854-4

##### 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  
 e-mail: info@vita-zahnfabrik.com  
 Internet: www.vita-zahnfabrik.com

Telefax: +49(0)7761-562-299

##### 1.4. Emergency telephone number:

+49-(0)761-19240

##### Further Information

medical device

#### SECTION 2: Hazards identification

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

GB 30000-2013

This mixture is not classified as hazardous in accordance with GB 30000-2013.

##### 2.2. Label elements

##### 2.3. Other hazards

No information available.

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

##### 3.2. Mixtures

###### 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

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#### **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**

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.

##### **Advice on storage compatibility**

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.

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#### 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

Wear suitable protective clothing.

#### Respiratory protection

Fresh air (open windows and doors) is necessary.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state:	liquid	
Colour:	colourless	
		<b>Test method</b>
pH-Value:		not determined
<b>Changes in the physical state</b>		
Melting point:		not determined
Initial boiling point and boiling range:		239 °C
Flash point:		135 °C
<b>Flammability</b>		
Solid:		not applicable
Gas:		not applicable
Lower explosion limits:		not determined
Upper explosion limits:		not determined
<b>Auto-ignition temperature</b>		
Solid:		not applicable
Gas:		not applicable
Decomposition temperature:		not determined
<b>Oxidizing properties</b>		
Not oxidizing.		
Vapour pressure:		<=1100 hPa
(at 50 °C)		
Density:		0,99000 g/cm <sup>3</sup>
<b>Solubility in other solvents</b>		
not determined		
Partition coefficient:		not determined
Vapour density:		not determined
Evaporation rate:		not determined

### 9.2. Other information

Solid content: 0,0 %

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#### 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**

This 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**

###### **Advice on disposal**

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.

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- 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 contaminating class (D): 1 - slightly water contaminating

#### 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  
 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

## Safety Data Sheet

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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.

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