

## Safety Data Sheet

according to WHMIS

### VITA Die Release

Revision date: 30.07.2019

Product code: 016

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## 1. Identification

### Product identifier

VITA Die Release

### Further trade names

VITA Stumpfisolierung

CAS No: 8042-47-5

### 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

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Internet: www.vita-zahnfabrik.com

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

## 2. Hazard identification

### Classification of the substance or mixture

#### WHMIS 2015

Aspiration hazard: Asp. Tox. 1

### Label elements

#### WHMIS 2015

Signal word: Danger

Pictograms:



#### Hazard statements

May be fatal if swallowed and enters airways.

#### Precautionary statements

IF SWALLOWED: Immediately call a POISON CENTER/doctor.

Do NOT induce vomiting.

#### Other hazards

No information available.

## 3. Composition/information on ingredients

### Substances

#### Chemical characterization

Substance, organic

#### Hazardous components

| CAS No    | Chemical name | Quantity      |
|-----------|---------------|---------------|
| 8042-47-5 | Paraffin oils | 80 - 100% (*) |

(\*) The actual concentration is withheld as a trade secret.

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## 4. First-aid measures

### Description of first aid measures

#### **After inhalation**

Provide fresh air. Medical treatment necessary.

#### **After contact with skin**

Wash with plenty of water. Immediately remove any contaminated clothing, shoes or stockings. Medical treatment necessary.

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

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

#### **After ingestion**

Observe risk of aspiration if vomiting occurs. Rinse mouth immediately and drink plenty of water. Induce vomiting when the affected person is not unconscious. Medical treatment necessary.

### 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**

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

### Specific hazards arising from the hazardous product

Non-flammable.

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

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

### Additional information

Suppress gases/vapours/mists with water spray jet. 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

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

### Environmental precautions

Do not allow to enter into surface water or drains.

### 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: see section 8

Disposal: see section 13

## 7. Handling and storage

### Precautions for safe handling

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#### Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

#### 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. Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaustion at critical locations.

##### Hints on joint storage

No special measures are necessary.

## 8. Exposure controls/Personal protection

#### Control parameters

#### Exposure controls



#### Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

#### Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. 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. Recommended glove articles NBR (Nitrile rubber) KCL Dermatril P Breakthrough time (maximum wearing time) 480 min

#### Skin protection

Use of protective clothing.

#### Respiratory protection

Technical ventilation of workplace Open windows to ensure natural ventilation.

## 9. Physical and chemical properties

#### Information on basic physical and chemical properties

|                 |            |                |
|-----------------|------------|----------------|
| Physical state: | Liquid     |                |
| Colour:         | colourless |                |
| Odour:          | odourless  |                |
| pH-Value:       |            | not determined |

#### Changes in the physical state

|                |  |                |
|----------------|--|----------------|
| Melting point: |  | not determined |
|----------------|--|----------------|

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|  |                           |
|--|---------------------------|
| Initial boiling point and boiling range: | > 300 °C                  |
| Flash point:                             | 195 °C                    |
| <b>Flammability</b>                      |                           |
| Solid:                                   | not applicable            |
| Gas:                                     | not applicable            |
| <b>Explosive properties</b>              |                           |
| The product is not: Explosive.           |                           |
| <b>Auto-ignition temperature</b>         |                           |
| Solid:                                   | not applicable            |
| Gas:                                     | not applicable            |
| Decomposition temperature:               | not determined            |
| <b>Oxidizing properties</b>              |                           |
| Not oxidising.                           |                           |
| Vapour pressure:                         | not determined            |
| Density:                                 | 0,85000 g/cm <sup>3</sup> |
| Water solubility:                        | No                        |
| <b>Solubility in other solvents</b>      |                           |
| not determined                           |                           |
| Partition coefficient:                   | not determined            |
| Viscosity / dynamic:                     | 35 mPa·s                  |
| Viscosity / kinematic:<br>(at 40 °C)     | 16 mm <sup>2</sup> /s     |
| Vapour density:                          | not determined            |
| Evaporation rate:                        | not determined            |
| <b><u>Other information</u></b>          |                           |
| Solid content:                           | 0,0 %                     |

## 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**

none

### **Incompatible materials**

No information available.

### **Hazardous decomposition products**

No known hazardous decomposition products.

## 11. Toxicological information

### **Information on toxicological effects**

#### **Acute toxicity**

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

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| CAS No    | Chemical name     |                   |         |           |        |
|-----------|-------------------|-------------------|---------|-----------|--------|
|           | Route of exposure | Dose              | Species | Source    | Method |
| 8042-47-5 | Paraffin oils     |                   |         |           |        |
|           | oral              | LD50 > 5000 mg/kg | Ratte   | SDB Merck |        |

#### Irritation and corrosivity

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

#### Sensitizing 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

May be fatal if swallowed and enters airways.

#### Additional information on tests

Special hazards arising from the substance or mixture. Classification according to Regulation (EC) No 1272/2008 [CLP]: health hazard properties.

## 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

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

##### Contaminated packaging

Hazardous waste according to Directive 2008/98/EC (waste framework directive). Handle contaminated packages in the same way as the substance itself.

## 14. Transport information

#### Marine transport (IMDG)

##### UN number:

No dangerous good in sense of this transport regulation.

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**United Nations proper shipping name:** No dangerous good in sense of this transport regulation.

**Transport hazard class(es):** No dangerous good in sense of this transport regulation.

**Packing group:** No dangerous good in sense of this transport regulation.

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

**UN number:** No dangerous good in sense of this transport regulation.

**United Nations proper shipping name:** No dangerous good in sense of this transport regulation.

**Transport hazard class(es):** No dangerous good in sense of this transport regulation.

**Packing group:** No dangerous good in sense of this transport regulation.

#### **Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

### 15. Regulatory information

#### **Canadian regulations**

### 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

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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>

#### 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.