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## **Section 1: Identification of substance and of the company**

### **1.1 Product identifier:**

Substance name: DMT Test Dust Type 8® < 100 µm  
Synonym: Synthetic household dust < 100 µm  
EG-No: -  
CAS-No: -  
REACH-No: -  
Other names: -

### **1.2 Relevant identified uses of substance or mixture and uses advised against:**

Relevant identified uses: -  
Uses advised against: -

### **1.3 Details of the supplier of the safety data sheet:**

Supplier: DMT GmbH & Co. KG  
Address: Am Technologiepark 1  
Nationality/Postcode/City: D-45307 Essen  
Information Contact: testdust@dmt-group.com  
Telephone / Fax / E-Mail: +49 201 172 1232 / +49 201 172 1262 / testdust@dmt-group.com

### **1.4 Emergency telephone number:**

Germany: (0)-112

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## **Section 2: Hazard identification**

### **2.1 Classification of the substance or mixture:**

This product is not classified.

### **2.2 Label elements:**

#### **Labelling according to Regulation (EG) No 1272/2008**

Hazard statements:

- -

Precautionary statements:

P260 Do not breathe dust.  
P402 Store in a dry place.  
P501 Dispose of contents and containers acc. to local disposal directives.

### **2.3 Supplemental hazard information:**

DMT Test Dust Type 8® < 100 µm is combustible, but not highly flammable.

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### **Section 3: Composition / Information of ingredients**

#### **3.2 Mixture:**

Substance name: Calcium magnesium carbonate (dolomite)  
EG-No: 240-440-2  
CAS-No: 16389-88-1

Substance name: Cellulose fiber  
EG-No: 232-674-9  
CAS-No: 9004-34-6

Substance name: Cut cotton fiber  
EG-No: -  
CAS-No: -

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### **Section 4: First aid measures**

#### **4.1 Description of first aid measures:**

General information: No special measures necessary.  
Following inhalation: Remove dust source and provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.  
Following skin contact: Wash with soap and water.  
Following ingestion: Rinse cautiously with water for several minutes. In all cases of doubt, or when symptoms persist, seek medical advice.  
Self-protection of the first aider: Avoid dust whirling.

#### **4.2 Most important symptoms and effects, both acute and delayed:**

DMT Test Dust Type 8® < 100 µm is not toxic.

#### **4.3 Indication of any immediate medical attention and special treatment needed:**

Notes for doctor: Please consider 4.1

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### **Section 5: firefighting measures**

#### **5.1 Extinguishing media:**

Suitable extinguishing media: Water dust, CO<sub>2</sub>, Foam, Dry extinguishing agent  
Unsuitable extinguishing media: Water solid jet

#### **5.2 Special hazards arising from the substance or mixture:**

Hazard combusting products: Decomposing at temperatures > 450 °C

#### **5.3 Advice for fire-fighters:**

Fire of solid materials, mainly organic; high attitude to glow.

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### **Section 6: Accidental release measures**

#### **6.1 Personal precautions, protective equipment and emergency procedures:**

**For non-emergency personnel:** Please consider section 8.

**For emergency personnel:** Please consider section 8.

#### **6.2 Environment precautions:**

Avoid dust generation and whirling.

#### **6.3 Methods and material for containment and cleaning up:**

Avoid dust whirling, use wet cleaning methods.

#### **6.4 Reference to other sections:**

Please consider section 8.

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### **Section 7: Handling and Storage**

#### **7.1 Precautions for safe handling:**

##### **Protective measures:**

Advice on safe handling: -

Fire preventions: Usual measures of fire prevention.

Aerosol and dust generation prevention: Avoid dust generation; provide artificial ventilation.

Environment precautions: -

##### **Advice on general occupational hygiene:**

-

#### **7.2 Conditions for safe storage conditions:**

##### **Requirements for storage rooms and vessels:**

Store dry and impermeable. Storage conditions acc. to ISO 554.

#### **7.3 Specific end uses:**

Recommendations: -

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### **Section 8: Exposure controls / personal protection**

#### **8.1 Control parameters:**

Occupational exposure limits: 1,25 mg/m<sup>3</sup> (A; respirable), 10 mg/m<sup>3</sup> (E; inhalable) (Germany)

Biological limit values: -

#### **8.2 Exposure controls:**

##### **Personal protective equipment:**

Eye / Face protection: Wear safety goggles.

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Skin protection:	Safety gloves are recommended. Wash hands with soap before and after work, use skin protection cream.
Respirable protection:	Wear filtering face piece (FFP2 – FFP3).
Body protection:	Not recommended
Environment exposure controls:	Filtering of exhaust air from artificial ventilation is recommended.

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### **Section 9: Physical and chemical properties**

#### **9.1 Information on basic physical and chemical properties:**

Appearance:	Powder
Physical state:	Solid
Color:	White / Beige
Odour :	Odourless
Odour threshold :	-
pH :	-
Melting point / freezing point :	-
Initial boiling point / boiling range :	-
Flash point :	-
Evaporation rate :	-
Flammability ( solid, gas)	-
Upper / lower explosive limits :	-
Vapour density :	-
Relative density :	-
Solubility:	1,8 mg/l
Partition coefficient: n-octanol / water	-
Auto-ignition-temperature :	-
Decomposing temperature :	450 °C
Viscosity :	-
Explosive properties :	-
Oxidizing properties :	-

#### **9.2 Other information:**

-

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### **Section 10: Stability and reactivity**

#### **10.1 Reactivity:**

No dangerous reactions or dangerous products of decomposing known.

#### **10.2 Chemical stability:**

Under regular use and storage is DMT Test Dust Type 8@ < 100 µm stable.

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**10.3 Possibility of hazardous reactions:**

Calcium magnesium carbonate reacts exothermic with acids.

**10.5 Incompatible materials:**

Calcium magnesium carbonate reacts exothermic with acids.

**10.6 Hazard decomposition products:**

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**Section 11: Toxicological information**

**11.1 Information of toxicological information:**

Acute toxicity:

During longer exposition with high dust loads symptoms of a chronical respiratory inflammation can be observed. Dust may harm eyes mechanically.

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**Section 12: Ecological information**

**12.1 Toxicity:**

No toxic impact known.

**12.2 Persistence and degradability:**

-

**12.3 Bio accumulative potential:**

-

**12.4 Mobility on soil:**

Chemical decomposing in acid soils.

**12.5 Results of PBT and vPVB assessment:**

-

**12.6 Other adverse effects:**

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**Section 13: Disposal considerations**

**13.1 Waste treatment methods:**

The disposal of DMT Test Dust Type 8® < 100 µm has to be proceeded according to local disposal directives.

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**Section 14: Transport information**

**14.1 UN. No:**

-

**14.2 UN proper shipping name:**

-

**14.3 Transport hazard class(es):**

Hazard label:

-

**14.4 Packing group:**

-

**14.5 Environment hazard:**

-

**14.6 Special precautions for user:**

-

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:**

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**Section 15: Regulatory information**

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

EU regulations:

DMT Test Dust Type 8® < 100 µm is not a hazardous material, not a material according to European directive 96/82/EG („SEVESO“), does not harm ozone layer and is not a hardly degradable pollutant.

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**Section 16: Other information**

**16.1** The entire safety data sheet is based on actual knowledge and experience. A juridical mandatory warranty of single properties cannot be provided. Employees must be instructed to handling bulk materials and dusting materials.

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