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

**1.1 Product identifier:**

Substance name: DMT Cellulose Dust  
Synonym: -  
EG-No: -  
CAS-No: -  
REACH-No: -  
Other names: -

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

Relevant identified uses: Test dust acc. to IEC 62885 / DIN EN 60312 7.2.2.6 / IEC 60312  
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:**

The fraction of respirable quartz is lower 1%. Thus, no classification is necessary.

**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 referring to local disposal regulations

**2.3 Supplemental hazard information:**

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

#### **3.1 Substance:**

Substance name:	Cellulose (98 %)
EG-No:	-
CAS-No:	-

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

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

General information:	In persistent symptoms, contact the doctor.
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:**

Symptoms: -

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

Notes for doctor: Please consider section 4.1

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

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

Suitable extinguishing media:	Water spray, foam, dry extinguishing powder, carbon dioxide.
Unsuitable extinguishing media:	Water jet

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

Hazard combusting products: Carbon monoxide, carbon dioxide.

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

Avoid further dust whirling. Wear self-contained breathing apparatus.

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

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

##### **For non-emergency personnel:**

Protective equipment:	Please consider section 8.
Emergency procedures:	Please consider section 8.

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**For emergency personnel:**

Personal protective responders: Please consider section 8.

**6.2 Environment precautions:**

Avoid dust generation; do not remove the dust in canalization, surface or groundwater.

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

For containment: Avoid dust whirling.

For cleaning up: Swipe dry or wet. Do not sweep dry.

Other information: -

**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: Avoid dust generation and –deposit; provide artificial ventilation.

Fire preventions: -

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

Environment precautions: -

**Advice on general occupational hygiene:**

-

**7.2 Conditions for safe storage conditions:**

**Technical measures and storage conditions:**

Packaging materials: Store in a dry place.

**Requirements for storage rooms and vessels:**

Store dry and impermeable. Use original container. Keep away from foods and drinks.

**Hints on storage assembly:**

Storage class: -

Material to avoid: -

**Further information on storage conditions:**

-

**7.3 Specific end uses:**

Recommendations: -

Specific end uses: -

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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:**

Eye / Face protection: Wear safety goggles with side protection.  
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 required.  
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:  
Physical state: Solid  
Color: White  
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 pressure: -  
Vapour density: -  
Relative density: -  
Solubility: -  
Partition coefficient:  
n-octanol / water -  
Auto-ignition-temperature: -  
Decomposing temperature: 200 °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 Cellulose Dust stable.

**10.3 Possibility of hazardous reactions:**

No hazardous reactions.

**10.4 Conditions to avoid:**

-

**10.5 Incompatible materials:**

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**10.6 Hazard decomposition products:**

None

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**Section 11: Toxicological information**

**11.1 Information of toxicological information:**

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:**

Not applicable for inorganic substances.

**12.3 Bio accumulative potential:**

Not applicable for inorganic substances.

**12.4 Mobility on soil:**

Due to low water solubility substance shows minor mobility in common soils.

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

Not applicable for inorganic substances.

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**12.6 Other adverse effects:**

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**Section 13: Disposal considerations**

**13.1 Waste treatment methods:**

The disposal of DMT Cellulose Dust has to be proceeded according to local disposal directives.

**Directive 2008/98/EC (Waste Framework directive):** Consult local disposal provider for exact 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:**

During transportation use impermeable containers to avoid dust whirling.

**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 Cellulose Dust 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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# Safety Data Sheet

According to Regulation (EG) No 1907/2006



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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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