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

### **1.1 Product identifier:**

Substance name: DMT Cut Cotton  
Synonym: Cotton linters, cotton fibers, cotton standard fibers  
EG-No: -  
CAS-No: -  
REACH-No: -  
Other names: -

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

Relevant identified uses: Cotton acc. to IEC 62885 / IEC 60312 / DIN EN 60312 7.2.2.3  
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:**

Harmful to water.

### **2.2 Label elements:**

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

Hazard statements:

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Precautionary statements:

P 260 Do not breathe dust.  
P 402 Store in a dry place.  
P 501 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:	Cotton
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:	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:**

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#### **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:	Co-ordinate fire-fighting measures to the fire surroundings Water spray, foam, dry extinguishing powder, carbon dioxide
Unsuitable extinguishing media:	Water jet

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

Degradation > 450 °C

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

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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.

##### **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: -

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

Other information: Avoid fibres whirling

#### **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: -

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.

##### **Hints on storage assembly:**

Storage class: -

Material to avoid: -

##### **Further information on storage conditions:**

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### 7.3 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:

Appropriate engineering controls: Provide ventilation, avoid dust whirling.

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

Eye / Face protection: Wear safety goggles with side protection.

Skin protection: Safety gloves are recommended. Wash hands before and after every work session, use skin protection cream.

Respirable protection: Wear filtering face piece (FFP2 – FFP3).

Body protection: Wear overall.

Environment exposure controls: Filtering of exhaust air is recommended. Wipe up slopped product.

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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 - 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 pressure : -

Vapour density : -

Relative density : -

Solubility: -

Partition coefficient: -

n-octanol / water -

Auto-ignition-temperature : -

Decomposing temperature : 450 °C

Viscosity : -

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Explosive properties : -

Oxidizing properties : -

## 9.2 Other information:

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### Section 10: Stability and reactivity

#### 10.1 Reactivity:

This material is not reactive under normal ambient conditions.

#### 10.2 Chemical stability:

Under regular use and storage is DMT Cut Cotton stable.

#### 10.3 Possibility of hazardous reactions:

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#### 10.4 Conditions to avoid:

-

#### 10.5 Incompatible materials:

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#### 10.6 Hazard decomposition products:

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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:

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**12.4 Mobility on soil:**

Decomposition in acidic soils.

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

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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 Cut Cotton and contaminated containers has to be proceeded according to local disposal regulations. Consult local disposal provider for exact 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):**

-

**14.4 Packing group:**

-

**14.5 Environment hazard:**

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**14.6 Special precautions for user:**

Provisions for dangerous goods should be complied within the premises.

**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 Cut Cotton 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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