

Created on: 06.07.2017

Edited on: 05.07.2018

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Version: March 2018

Previous version: October 2013

Page 1 of 7

Section 1: Identification of substance and of the company

1.1 Product identifier:

Substance name: DMT Kapok fiber
Synonym: -
EG-No: 238-878-4
CAS-No: 14808-60-7
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

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:

DMT Kapok fiber are combustible but not easily flammable.

Created on: 06.07.2017

Edited on: 05.07.2018

Valid from: 01.03.2018

Version: March 2018

Previous version: October 2013

Page 2 of 7

Section 3: Composition / Information of ingredients

3.1 Substance:

Substance name: Kapok fiber

EG-No: -

CAS-No: -

Content: -

Section 4: First aid measures

4.1 Description of first aid measures:

General information: No special measures required.

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

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: Decomposition: > 450 °C

5.3 Advice for fire-fighters:

Avoid further dust whirling.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Protective equipment: Please consider section 8.

Created on: 06.07.2017

Edited on: 05.07.2018

Valid from: 01.03.2018

Version: March 2018

Previous version: October 2013

Page 3 of 7

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: 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.

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: -

Created on: 06.07.2017

Edited on: 05.07.2018

Valid from: 01.03.2018

Version: March 2018

Previous version: October 2013

Page 4 of 7

Section 8: Exposure controls / personal protection

8.1 Control parameters:

Occupational exposure limits: 1,25 mg/m³ (A; respirable), 10 mg/m³ (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 recommended
Environment exposure controls: Filtering of exhaust air from artificial ventilation is recommended.

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 : -
Explosive properties : -
Oxidizing properties : -

9.2 Other information:

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Created on: 06.07.2017

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Previous version: October 2013

Page 5 of 7

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 Kapok fiber stable.

10.3 Possibility of hazardous reactions:

No hazardous reactions.

10.4 Conditions to avoid:

-

10.5 Incompatible materials:

-

10.6 Hazard decomposition products:

None

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.

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:

Created on: 06.07.2017

Edited on: 05.07.2018

Valid from: 01.03.2018

Version: March 2018

Previous version: October 2013

Page 6 of 7

Not applicable for inorganic substances.

12.6 Other adverse effects:

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Section 13: Disposal considerations

13.1 Waste treatment methods:

The disposal of DMT Kapok fiber has to be proceeded according to local disposal directives.

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

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:

-

Section 15: Regulatory information

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

EU regulations:

DMT Kapok fiber 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.

Created on: 06.07.2017

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Valid from: 01.03.2018

Version: March 2018

Previous version: October 2013

Page 7 of 7

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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