

Safety data sheet

According to EC Directive 1907/2006

Märkische Faser GmbH

1. Identification of the substance / preparation and of the company / undertaking *Identificatin of the product*

Product Name: GRISUTEN
Product Type:

Manufacturer / supplier identification

Company: Märkische Faser GmbH *14727 * Premnitz Deutschland
Tel.: + 49 (0) 3386 242888
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2. Hazards identification

non

3. Composition ingredients

Hazardous ingredients:

Name according to EC Directives:

| Cas.-No | Labelling according to EC Directives | Content: |
|------------|--------------------------------------|----------|
| 25038-59-9 | non | > 99 % |

4. First aid measures

Eye Contact: Flush eyes with plenty of water for 15 - 20 minutes, if necessary get medical attention
Skin Contact: It is good personal hygiene practice to wash hands after handling fibres, even though skin contact as such is not hazardous

5. Fire-fighting measures

Flammable Properties: Generally Polyester (Fibres) is non flammable, self combustion at 530 L C if exposed to fires hazardous gases and vapours, such as carbon monoxid, ethanol, methanol, acetic acid and may be produced
Extinguishing Media: All generally used extinguishing media and appropriate for combustibles in the specific area. Unsuitable media: WATER if fire was caused by an electrical short circuit.
Fire Fighting Instructions: Use self-contained breathing apparatus and full protective equipment.

6. Accidental release measures

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Person-related precautionary measures: non

Environmental-protection measures:: Do not allow to enter sewage system

Additional notes: Dont store product outside (influence of moisture)

Handling and storage

7.

Handling: with corresponding tools
Opening of the bales according to local safety regulations

Storage: dry and clean room

Exposure controls / personal protection

8.

Personal protective equipment: non

Physical and chemical properties

9.

| | | |
|-----------------------|------------|-----------------------------|
| Form: | | staple fibres |
| Colour: | | white or coloured |
| Odour: | | without |
| ph value | | |
| at | 20 ° C | not relevant |
| Melting point: | | 253-260 ° C |
| Softening point: | | 230-240 ° C |
| Ignition temperature: | | 530 ° C |
| Flash point: | | 395 ° C |
| Explosion limits: | lower | non |
| upper | | non |
| Density: | | 1,38-1,40 g/cm ³ |
| Solubility in water: | (at 20 °C) | insoluble |

Stability and reactivity

10.

Substances to be avoided: Aqueous solutions of alkaline materials will cause breakdown of the polymer. Otherwise chemically stable. compatible with other materials.

Toxicological information

11.

Generally Polyester fibre is neutral and has no adverse effects on the human health except for mechanical irritation of skin and eyes due to small particles in the air. Inhaling fibre dust should be avoided. Molten Polymer, however, causes severe burns. Polyester fibre is not in any way associated with Carcinogenicity.

Environmental referred information

12.

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Biologie degradation: non

ecotoxic effects: non

Disposal considerations

- ^{13.} *Disposal:* Polyester Fibres may be disposed of through and approved waste contractor by means of an approved incinerator or landfill in compliance with Federal, State, Provincial or other local laws and regulations as the case may be.

Transport information

- ^{14.}
- | | |
|-----------------|-------------------------|
| Land transport | GGVS, GGVE, ADR, RID |
| Classification | non |
| Name | Polyesterfibre |
| River transport | ADN, ADN R, |
| Sea transport | IMDG, GGVSee |
| Classification | non |
| Ems | non |
| MFAG | non |
| Name | Polyethylenterephthalat |
| Air transport | ICAO, IATA |
| Classification | non |
| Name | Polyethylenterephthalat |

The transport regulations are cited according to international regulations and in the form applicable in Germany (GGVS/SGGVE). Possible national deviations in other countries are not considered.

Statutory provisions

- ^{15.} *Labelling according to EC Directives*
- | | |
|------------|-----|
| Symbol: | non |
| R-phrases: | non |
| S-phrases | non |

Other information

Issue: 02.01.2014

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.