

Material Safety Data Sheet



Version: 001
Date of issue: 03-11-11
Revise date:

1. Identification of the substance/preparation and the company Name of the substance/preparation: Wood fiber Commercial product Name: RÄUCHERGOLD® HB 500 - 1000 Indications about the producer/supplier: J. RETTENMAIER & SÖHNE GMBH + CO Fibers designed by Nature Holzmuehle 1 D-73494 Rosenberg Telefon: +49 79 67/1 52-0 Telefax: +49 79 67/152 222 Information: +49 7967/152 126 In an emergency: +49 7967 152 200
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2. Composition/Information on ingredients Cellulose approx. 50 % CAS-No.: 9004-34-6 Hemicellulose approx. 25 % CAS-No.: 9025-56-3 Lignin approx. 25 % CAS-No.: 9005-53-2

3. Prospective risks Capable of causing dust explosions.
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4. First aid measures If inhaled: take individuals out into fresh air After eye contact: rinse with plenty of water
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5. Fire-fighting measures Suitable extinguishing agents: water spray, foam, CO ₂ , dry chemical powder

6. Measures at unintentional liberation Collect up mechanically.
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7. Handling and storage Handling: Usual precautionary measures have to be observed when working with all combustible materials containing dusty particles. Storage: Keep the material well closed and dry. Shelf life stability: at least 3 years.
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8. Exposure limit and personal protective equipment

Additional information about the construction of technical equipment:
Avoid blowing of dust.
Protection against electrostatic charge during handling

Personal protective equipment:
Respiratory protection: mask (Particle Filter Class P 2)

9. Physical and chemical properties

tested in accordance with

Form: fibrous
Colour: light brown
Odour: weak woododour

pH-value (at 100 g/l H₂O and 20 °C): 5,5 +/- 1

Ignition temperature: approx. 470 °C Godbert-Greenwald

Dust explosion category: 1

Explosion limits: no data available

Bulk density: 180 - 250 g/l

Further indications:
Solubility in water (20 °C): insoluble

10. Stability and reactivity

Thermal decomposition: at approx. 170 °C
Dangerous decomposition products: No dangerous decomposition products observed.
Dangerous reactions: not known.

11. Information on toxicity

No details on toxicity known.

12. Information on ecological effects

Nowadays we know that negative ecological effects are not to be expected.

13. Indication about disposal

Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).

The waste code numbers according to the German Waste Catalogue are substance-related, while the Waste code numbers according to the European Waste Catalogue (EWC code) are source-related.

The exact assignment to a waste code according to the EWC code can only be undertaken by the user of RÄUCHERGOLD® HB 500 - 1000 who generates waste products from them requiring disposal.

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14. Information about transport

GGVSee/IMDG-Code: --	UN-NR.: --	EmS: --
PG: --	MPO: --	
GGVSE: KL. --	PG: --	RID/ADR: class --
Warning sign: Hazard no.: --	Substance no. --	PG: --
ADNR: Class --	PG: --	Cat. --
		ICAO/IATA-DGR. --

Declaration for land shipment: --
Declaration for sea shipment: --
Declaration for shipment by air: --

Other information:
Not dangerous cargo.

15. Regulations

Water danger classification: not water hazardous according VwVwS, Annex 1, prefix 765
MAK classification: III, Kat. 1 (accord. DFG, MAK- und BAT-Werte-Liste, Juli 2001)

16. Further information

* = data have been changed .

The given particulars are based on our present knowledge and experiences. However, a legally binding guarantee of certain properties cannot be derived from our statements.