



MICROBEADS AG
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Trade name : Walnut Shell Grits

Material Safety Data Sheet according (in support) to Directive (EG) no. 1907/2006

Issue date: January 2020

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1. Chemical product and company identification

Product name: Walnut Shell Grits

Data to the Product: Blasting material for mechanical surface processing
drying material
sharpening and polishing material
filler

Manufacturer: MICROBEADS AG
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2. Potential health hazards

Critical hazard to man and environment:
EC/R: not applicable

Classification: The classification after this preparation health and environmental dangerous Characteristics takes place according to the conventional method with consideration of the new preparation Directive (1999/45/EG) and 67/548/EWG

3. Composition/Information on ingredients:

Chemical composition: Natural product - cleaned walnut shells

Dangerous contents material: no dangerous materials

4. First Aid Measures

Inhalation: no special measures required
Skin: no special measures required
Eye: Wash with plenty of water. Seek medical advice if irritation persists.

Shallow: no danger admits
Advice to physician: No specific advice. Treat according to symptoms present.



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5. Fire-fighting measures

Extinguishing media:	If improperly handled, stored and/or exposed to an ignition source, this material may burn.
Normal fire extinguishing agents:	such as water, foam, etc.
Unsuitable extinguishing medias:	one admits which must not
Exposure hazards:	one admits
Special equipment:	coordinate with environment fire

6. Accidental release measures

Personal protection:	Not applicable
Procedure for cleaning and recollection:	With take up dust formation avoid.

7. Handling and storage

Handling:	Dust formation avoid
References to the fire and explosion prevention:	Keep away from open flames, heat sources and sparks.
Storage recommendations:	Drying Store
Storage class:	10-13

8. Exposure controls/Personal protection

Engineering controls:	is void
Components with value that require to supervising the workplace:	Observe the local bylaws in terms of fine dust (e.g. TWA 10 mg /m ³ ; MAK value 6 mg / m ³ ; see also item 16)
Personal protection:	
Respiratory protection:	Dust respirator only during dust information
Skin protection:	Not applicable
Eye protection:	Goggles
Hand protection:	Not applicable
Hygiene measures:	Not applicable



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9. Physical and Chemical Properties

Physical state:	Granulate
Colour:	Brown
Odour:	None
Safety relevant data:	
Flash point:	172 °C
Ignition temperature:	245 °C
Upper explosion limit:	Not applicable
Specific weight:	0,95-1,0 g/cm ³
Bulk weight:	0,7 kg/l
Solubility in water:	Not applicable
pH value in water:	5.5 to 6.5

10. Stability and Reactivity

General information:	The material is stable, no hazardous reactions well-know.
are	
Condition to avoid:	Not applicable
Material to avoid:	Not applicable
Hazardous decomposition products:	No known

11. Toxicological Information

General information:	No hazardous effects known - natural product
Acute toxicity:	Not known

12. Ecological Information

Water hazard class:	no hazardous for water
Self-assessment:	Yes (VwVwS (German regulation))
Ecology effect:	No environmental pollution

13. Disposal Considerations

Product:	Discard as non-hazardous inorganic solid waste.
Waste key number:	12 02 01



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14. Transport Information

Land Transport:	
ADR/RID	Not regulated
GGVS/GGVE	Not regulated
Identification of the product:	
Danger number:	UN no.
River/Canal-transport	
ADN/ADNR	Not regulated
Sea-transport	
IMDG/GGV Sea-code:	Not regulated
Air-transport	
ICAO/IATA-DGR	Not regulated
Other information:	May be sent by mail.

15. Regulatory Information

Marking according to EC guidelines: (67/548/EWG and 1999/45/EG)	
Danger symbol:	is void
R-phrases:	is void
S-phrases:	is void
VOC 1999/13/EEC	---

16. Other Information

These data refer to the product in the delivering condition.
The information covers the safety requirements of the product(s) exclusively and is based on current knowledge and experience. It does not represent a guarantee for properties of the described product (s) in terms of the legal warranty regulations. The product specification is contained in a separate product data sheet.

Changes in this version:

- **general revision**
- **replace the version of 03.12.2003**

VOC-CH = Volatile organic compounds (VOCV)