



Werner Rumler Industriebedarf GmbH  
Haydnstraße 13, D-40724 Hilden, Germany  
info@rumler-hilden.de, www.rumler-hilden.de

**Trade name : WR - Walnut Shell Grits**

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

Issue date: **28/05/2013**

Revised to: **15/04/2013**

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## **1. Chemical product and company identification**

**Product name:** **WR - Walnut Shell Grits**

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

**Manufacturer:** Werner Rumler GmbH  
Industriebedarf  
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**In case of emergency call:** Werner Rumler GmbH, Sales Department  
Phone: +49 (0) 2103 / 31063

## **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

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#### **6. Accidental release measures**

**Personal protection:** Not applicable

**Procedure for cleaning and recollection:** With take up dust formation avoid.

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#### **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

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#### **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<sup>3</sup>; MAK value 6 mg / m<sup>3</sup>; 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**

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

## **10. Stability and Reactivity**

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

## **11. Toxicological Information**

<b>General information:</b>	No hazardous effects known - natural product
<b>Acute toxicity:</b>	Not known

## **12. Ecological Information**

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

## **13. Disposal Considerations**

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



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#### **14. Transport Information**

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

#### **15. Regulatory Information**

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

#### **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)