Product Data Sheet

According to EU 1907/2006 REACH
and GHS/CLP Classification 1272/2008

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Brass Wire Brushes

1. Product and Company Identification

1.1. **Product**: Brass Wire Brushes
1.2. **Trade name**: Art. No.: 141 – 145 / 642
1.3. **Manufacturer**: HATHO GmbH
Freiburger Straße 18
D-79427 Eschbach
Tel: + 49 (0)7634/5039-0
Fax: + 49 (0)7634/5039-22
E-mail: info@hatho.de
1.4. **Reference:** Management
1.5. **Emergency telephone number:** Tel: + 49 (0)7634/50390 // E-mail: info@hatho.de

2. Hazards Identification

2.1. **Categorization of the substance / product:** Brass Wire Brushes
GHS / CLP / EC Rating: Not rated

2.2. **Hazard - labels**: Hazard symbols: none
Signal words : none
P 280: safety gloves / protective goggles

2.3. **Further hazards**: Under consideration of the usual precautionary measures, the general accident prevention regulations and correct handling of the safety equipment, there are no particular hazards known.

3. Ingredients

3.1. Chemical characterization of the edging material: Brass wire
Ingredients: 63,5 - 64,5% Cu – 35,5 - 36,5 Zn

Chemical Name	CAS – No.	USA (ASTM)
CuZn36	Cu: 7440-50-8; Zn: 1314-13-2	UNS C27000

3.2. Hazardous ingredients: NONE

4. First Aid Measures

4.1. **General notes**: See VBG 103
4.2. **Inhalation**: Not possible, because of the products size
4.3. **Skin contact**: Product is generally not skin irritating, if signs / symptoms develop get medical attention
4.4. **Eye contact**: Flush eyes with large amounts of water, if signs / symptoms persist get medical attention
4.5. **If swallowed**: Get medical attention
4.6. **Information for the physician**: NONE

5. Fire Fighting Measures

5.1. **Eligible extinguishing media**: Product itself does not burn
5.2. **For safety reasons not eligible extinguishing media**: Not applicable
5.3. **Special hazards due to the substance or its combustion products**: None known
5.4. **Special safety equipment:** None known
5.5. **Additional information**: None known

6. Accidental Release Measures

6.1. **Individual-related safety measures:**
6.2. **Environmental safety measures**: No negative ecological effects known
6.3. **Cleaning measures**: Grab mechanically
6.4. **Additional information:** No dangerous substances are being discharged

7. Handling And Storage

7.1. **Handling:** Information for secure handling: see VBG 49
Personal safety equipment: protective goggles
Hand guard: safety gloves, only for long and intensive skin contact
Breathing protection: vacuum the polishing abrasion automatically

7.2. **Storage:** Requirements for storage areas and containers: only use containers, which are specifically suited for the product
store in areas with sufficing ventilation

8. Exposure Control And Personal Protection

8.1. **Additional information for the arrangements of technical construction:** Note: pay attention to the general regulations for accident prevention, especially the maximal peripheral surface speed and number of revolutions
8.2. **Components with workplace related limit values:**

8.3. **Individual safety equipment:** See 7.1

9. Physical And Chemical Properties

9.1.1. Form: solid
9.1.2. Color: yellow, metallic
9.1.3. Odor: scentless
9.2. Combustibility: none
9.3. Melting point: 902 - 920 °C
9.4. Self ignition: none
9.5. Explosion hazard: none
9.6. Explosion range: none
9.7. Density at T = 20°C : 8,4 g/cm³
9.8. Solubility in water at T = 20°C : insoluble
9.9. PH-value: not applicable
9.10. Viscosity: not applicable
9.11. Flashpoint: not applicable
9.12. Thermal decomposition: none
9.13. Additional information:

10. Stability And Reactivity

10.1. Avoid these conditions: none known
10.2. Avoid these substances: quicksilver, ammonia, chlorine and various acids
10.3. Hazardous decomposition products:
None known
10.4. Additional information

11. Toxicological Information

11.1. Acute toxicity: none known

11.2. Sub acute / chronicle toxicity: none known

12. Ecological Information

12.1. Elimination information (persistency and decomposability) Water endangerment class: 0 (self assigned)

12.2. Behavior in environment compartments

12.3. Eco toxicological effects

12.4. Additional ecological information

13. Disposal Considerations

13.1. Product: Recommendation: collect waste and hand it over to you disposal partner

13.2. Packaging: Recommendation: card board, recyclable

14. Transport Information

14.1. Regulations: No hazardous material in terms of transport regulations

15. Regulatory Information

15.1. Labels: P 280: safety gloves / protective goggles
See 2.2

15.2. National regulations: CLP - classification (EG) 1272/2008

16. Additional Information

This material data sheet is provided as a courtesy for our customers.

This product is not regulated, and a material data sheet is not requires for this product by the OSHA Hazard Communication Standard.

The information in this material data sheet is believed to be correct as of the date issued. This material data sheet offers assistance for a safe handling of our products, although the user is responsible for determining whether this product is fit for a particular purpose and suitable for the user`s method of use or application.

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