

Safety data sheet

according to REACH Regulation (EC) No. 1907/2006 including amending Regulation (EU) 2020/878

YETI Dentalprodukte GmbH

Version No. 1.0 from July 17, 2024

Magic Disc Cutting-disc 20/02

Section 1. Product Information

1.1 Product identifier Trade name:

Magic Disc (Art.399-2002) cutting disc

1.2 Relevant identified uses of the substance or mixture and uses advised against

Cutting-grinding disc for porcelain

Type of use: in connection with electrical devices with max. 50,000 rpm

1.3 Details of the supplier of the safety data sheet

Supplier / company name:

YETI Dentalprodukte GmbH

Street: Industriestraße 3

Postal code: D-78234 Engen

E-mail: sdb@yeti-dental.com

Information on the substance / preparation: Tel. 0 77 33 / 94 10 0 FAX 0 77 33 / 94 10 22

1.4 Emergency number Tel. 0 77 33 / 94 10 0 (Mon. – Thurs. 8 a.m. – 16h30, Fri. 8h – 14h)

Section 2. Hazards identification

2.1 Classification of the substance or mixture

According to the information available to us, a hazard designation according to GefStoffV / EC Directive is not applicable. The product does not contain any substances that are harmful to health.

2.2 Label elements: Not relevant

2.3 Other hazards Dusts and vapors that may pose a health hazard may be generated during use

PBTassessment: no data available

vPvb assessment: no data available

Section 3. Composition / information on ingredients

3.1 Substances not applicable. The product is not a substance

3.2 Mixtures / dangerous ingredients

Chemical characterization: Grinding wheels with various grain sizes

| Name of the substance | CAS No. | Classification (EC) 1272/2008 (CLP) | Concentration |
|-----------------------|------------|-------------------------------------|---------------|
| Titanium dioxide | 13463-67-7 | no classification | < 1% |
| Silicon dioxide | 60676-86-0 | no classification | <1% |

Safety data sheet

according to REACH Regulation (EC) No. 1907/2006 including amending Regulation (EU) 2020/878

YETI Dentalprodukte GmbH

Version No. 1.0 from July 17, 2024

Magic Disc Cutting-disc 20/02

Section 4. First aid measures

4.1 Description of first aid measures

| | |
|----------------------------|--|
| General information: | the dust that is created when working with the grinding wheels causes irritation of the mucous membranes (nose, esophagus) and reddening of the conjunctiva. If you experience any symptoms, consult a doctor. |
| If you get into your eyes: | remove contact lenses. If you get into your eyes, rinse thoroughly with plenty of water for 15 minutes. If you experience any symptoms, consult a doctor. |
| If you get into your skin: | if you get into your skin, wash immediately with plenty of soap and water. |
| If you inhale: | move people away from the dust. Provide fresh air and keep them at rest. If you experience any symptoms, seek medical attention immediately. |
| If you swallow: | rinse your mouth thoroughly with water. Do not give anything to an unconscious person. Seek medical attention immediately. |

4.2 Important acute and delayed symptoms and effects

No information available

4.3 Indication of any immediate medical attention and special treatment needed

No information available

Section 5. Fire-fighting measures

5.1 Extinguishing media

| | |
|---------------------------------|---|
| Suitable extinguishing media: | foam, water spray, carbon dioxide, Extinguishing powder |
| Unsuitable extinguishing media: | full water jet |

5.2 Special hazards arising from the substance or mixture:

None known

5.3 Advice for firefighters: Use self-contained breathing apparatus.

Wear protective clothing. The product itself does not burn. Adjust extinguishing media and firefighting measures to the surrounding fire.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment to be used in emergency situations

-Personnel not trained for emergency situations:

Ensure adequate ventilation. Avoid dust formation. Observe protective regulations (see sections 7+8)

-Emergency services

No information available. Personal protective equipment - see section 8

6.2 environmental protection measures

Do not allow to enter drains/surface water/ground water. Do not enter soil.

6.3 Methods and material for containment and cleaning

Collect mechanically. Avoid dust formation. Dispose of collected material in accordance with section 13.

6.4 Reference to other sections

No information available

Safety data sheet

according to REACH Regulation (EC) No. 1907/2006 including amending Regulation (EU) 2020/878

YETI Dentalprodukte GmbH

Version No. 1.0 from July 17, 2024

Magic Disc Cutting-disc 20/02

Section 7. Handling and storage

7.1 Protective measures for safe handling

Information on safe handling: Good room ventilation, extraction if necessary.
General protection and hygiene measures: Wash hands before breaks and at the end of work. Do not smoke, eat or drink while working. Remove and wash contaminated clothing. Keep away from food. Avoid dust.
Information on fire/explosion protection: No special measures required.

7.2 Conditions for safe storage, taking into account any incompatibilities

Technical measures and storage conditions: No special measures required.
Requirements for storage rooms/containers: No special measures required
Information on storage in one storage facility: Not with explosive substances/oxidation products
Storage class according to TRGS 510: 10-13 other liquids and solids

7.3 Specific end uses: No information available

Section 8. Exposure controls and personal protection

8.1 Parameters to be monitored

Occupational exposure limits

| Name of substance | CAS No. | Value Peak limit | EC No. |
|-------------------|------------|------------------------------|--------|
| Titanium dioxide | 13463-67-7 | 1mg/m ³ 1(I) | |
| Silicon dioxide | 60676-86-0 | 1.25 mg/m ³ 2(II) | |

8.2 Limiting and monitoring exposure

Suitable technical control devices no information available
Personal protective equipment
Respiratory protection: if the occupational exposure limits are exceeded, suitable respiratory protection must be worn. If no occupational exposure limits exist, sufficient respiratory protection measures must be taken if dust is formed.
Eye/face protection: Safety glasses with side protection (DIN EN166)
Hand protection: Protective gloves required
Other protective measures: Standard chemical work clothing
Limiting and monitoring of
Environmental exposure: No information available

Section 9. Physical - chemical properties

9.1 Information on basic physical and chemical properties

Physical state: solid
Colour: black
Odour: odourless

pH-value no data available

Safety data sheet

according to REACH Regulation (EC) No. 1907/2006 including amending Regulation (EU) 2020/878

YETI Dentalprodukte GmbH

Version No. 1.0 from July 17, 2024

Magic Disc Cutting-disc 20/02

| | |
|----------------------|-----------------------------------|
| Melting temperature: | no data available |
| Boiling point: | no data available |
| Ignition point: | not applicable |
| Weight: | 2.30÷2.5g / cm ³ |
| Solubility in water: | insoluble |
| Relative density: | 2-4 |
| Organic solvents: | soluble in strong acids and bases |

9.2 Other information no further information available

Section 10. Stability and reactivity

| | |
|--|---|
| 10.1 Reactivity | when used as intended, no dangerous reactions are to be expected. |
| 10.2 Chemical stability | when the recommended storage and handling regulations are applied, the product is chemically stable (Section 7) |
| 10.3 Possibility of dangerous reactions | none when used as intended |
| 10.4 Conditions to avoid: | Avoid dust formation |
| 10.5 Incompatible materials: | No information available |
| 10.6 Dangerous decomposition products | No dangerous decomposition products known |

Section 11. Toxicological information

| | |
|---|-------------------|
| Acute oral toxicity | no data available |
| Acute dermal toxicity | no data available |
| Acute inhalation toxicity | no data available |
| Skin corrosion/irritation | no data available |
| Serious eye damage/irritation | no data available |
| Respiratory sensitization | no data available |
| Germ cell mutagenicity | no data available |
| Reproductive toxicity | no data available |
| Carcinogenicity | no data available |
| Specific target organ toxicity following exposure | no data available |
| Specific target organ toxicity following exposure | no data available |
| Aspiration hazard | no data available |

Delayed and immediate effects as well as chronic effects following short or long-term exposure: Inhalation of dust can cause irritation of the respiratory tract. Contact with the skin and eyes can cause mechanical irritation.

Section 12. Environmental information

12.1 Toxicity

| | |
|----------------------------|-------------------|
| Fish toxicity (acute) | no data available |
| Fish toxicity (chronic) | no data available |
| Daphnia toxicity (acute) | no data available |
| Daphnia toxicity (chronic) | no data available |
| Algae toxicity (acute) | no data available |
| Algae toxicity (chronic) | no data available |
| Bacteria toxicity | no data available |

Safety data sheet

according to REACH Regulation (EC) No. 1907/2006 including amending Regulation (EU) 2020/878

YETI Dentalprodukte GmbH

Version No. 1.0 from July 17, 2024

Magic Disc Cutting-disc 20/02

| | |
|---|--|
| 12.2 Persistence and degradability | no information available |
| 12.3 Bioaccumulative potential | no information available |
| 12.4 Mobility in soil | no information available |
| 12.5 Results of PBT and vPvB assessment | no data available |
| 12.6 Other adverse effects | no information available |
| 12.7 Other information | Do not allow product to enter drains/public waters in an uncontrolled manner |

Section 13. Disposal considerations

13.1 Waste treatment methods

Product:

The allocation of a waste code number in accordance with the European Waste Catalogue (AVV) must be carried out in consultation with the regional waste disposal company.

Packaging:

Packaging must be completely emptied and disposed of properly in accordance with the legal regulations. Packaging that is not completely emptied must be disposed of in consultation with the regional waste disposal company.

Section 14. Transport information

| | |
|--|--|
| 14.1 Transport ADR/RID/ADN | the product is not subject to the ADR/RID/ADN regulations |
| 14.2 Transport IMDG | the product is not subject to the IMDG regulations |
| 14.3 Transport ICAO-TI/IATA | the product is not subject to the ICAO-TI/IATA regulations |
| 14.4 Other information | no information available |
| 14.5 Environmental hazards | Information if relevant see section 14.1 - 14.3 |
| 14.6 Precautionary measures f. users | no information available |
| 14.7 Transport in bulk according to Annex II of the MARPOL Convention and the IBC Code not Relevant. | |

Not a dangerous good

Section 15. Legislation

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture. EU regulations

Regulation (EC) No. 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)
According to the data available and/or the information provided by the suppliers, the product does not contain any substance(s) that are considered to be substances subject to authorisation in accordance with REACH Regulation (EC) 1907/2006 Annex XIV.

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances
The product is not subject to Annex I, Parts 1 or 2

REACH candidate list of substances of very high concern (SVHC) for authorisation procedures
According to the available data and/or the information provided by the supplier, the product does not contain any substance(s) that are considered to be candidates for inclusion in Annex XIV (List of substances subject to authorisation) in accordance with Article 57 in conjunction with Article 59 of the REACH Regulation (EC) 1907/2006.

Safety data sheet

according to REACH Regulation (EC) No. 1907/2006 including amending Regulation (EU) 2020/878

YETI Dentalprodukte GmbH

Version No. 1.0 from July 17, 2024

Magic Disc Cutting-disc 20/02

Verordnung (EG) Nr.1907/2006 (REACH) Anhang XVII: Beschränkungen der Herstellung, des Inverkehrbringens und der Verwendung bestimmter gefährlicher Stoffe, Gemische, Erzeugnisse
Nach den vorliegenden Daten und/oder gemäß den Angaben des Vorlieferanten enthält d. Produkt keine Stoffe der/die REACH Verordnung (EG) 1907/2006 Anhang XVII unterliegt/unterliegen

Regulation (EC) No. 1907/2006 (REACH) Annex XVII: Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

According to the available data and/or the information provided by the supplier, the product does not contain any substances subject to REACH Regulation (EC) 1907/2006 Annex XVII

Other regulations

National health and safety regulations apply when using this product.

15.2 Chemical safety assessment no information available

Section 16. Other information

The information contained herein corresponds to our knowledge and experience at the time specified. No guarantee is given for error-free, reliable or complete information. The user must convince himself that all statements are suitable and complete. The user is obliged to read and observe the entire safety data sheet. He assumes sole responsibility for compliance with the necessary and prescribed measures.

Abbreviations/Acronyms

| | |
|-----------|--|
| ADR | European Agreement for the International Carriage of Dangerous Goods by Road |
| BImSchV | Regulation for the Implementation of the Federal Emission Control Act |
| CAS | Chemical Abstracts Service |
| DIN | Standard of the German Institute for Standardization |
| EC | Effective Concentration |
| EG | European Community |
| EN | European Standard |
| IATA-DGR | International Air Transport Association-Dangerous Goods Regulations |
| IBC Code | International Code for the Construction and Equipment of Ships for the Carriage of Dangerous Chemicals in Bulk |
| ICAO-TI | International Civil Aviation Organization-Technical Instructions |
| IMDG Code | International Maritime Code for Dangerous Goods |
| ISO | Standard of International Standards Organization |
| IUCLID | International Uniform Chemical Information Database |
| LC | Lethal Concentration |
| LD | Lethal Doses |
| Log Kow | Partition coefficient between octanol and water |
| MARPOL | Maritime Pollution Convention = Convention for the Prevention of Pollution from Ships |
| OECD | Organization for Economic Cooperation and Development |
| PBT | Persistent, bioaccumulative, toxic |
| RID | Regulation for the International Rail transport of dangerous substances |
| TRGS | Technical rules for hazardous substances |
| UN | United Nations |
| VOC | Volatile Organic Compounds |
| vPvB | very persistent and very bioaccumulative |
| VwVwS | Administrative regulations for substances hazardous to water |
| WGK | Water hazard class |