# Safety Data Sheet
# according to Ordinance (EC) No. 1907/2006



## 1. Identification of the substance / mixture and of the company / undertaking

**Trade name:** **MAGNUM® CLEAN-PLUS disc 125 mm x M14**

**Supplier:** ***Gerd Eisenblätter GmbH***

*Jeschkenstaße 12d*
*82538 Geretsried*
*Phone: + 49 (0) 8171 / 9082 - 010*

**Emergencies:** +49 (0) 8171 / 9082 - 010

## 2. Hazard identification

### 2.1. Hazard classification
Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### 2.2. Label elements
**Signal word**
Not applicable.

**Symbols**
Not applicable.

**Pictograms**
Not applicable.

### 2.3. Hazards not otherwise classified
28% of the mixture consists of ingredients of unknown acute oral toxicity.

## 3. Composition / Information on ingredients

| Ingredient | C.A.S. No. | % by Wt |
|---|---|---|
| Silicon Carbide Mineral | 409-21-2 | 35 – 75 |
| Nylon Fiber | Mixture | 10 – 30 |
| Filler | Mixture | 1 – 10 |
| Cured Resin | Mixture | 10 – 35 |
| Roloc™ Attachment System | Mixture | 0 – 5 |
| Knitted Nylon Cloth (Ctg Removal Disc) | Mixture | 0 – 5 |
| Steel / Plastic (Brush) | Mixture | 0 - 10 |

## 4. First aid measures

### 4.1. Description of first aid measures

**Inhalation:**
Remove person to fresh air. If you feel unwell, get medical attention.

**Skin Contact:**
Wash with soap and water. If signs/symptoms develop, get medical attention.

**Eye Contact:**
Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing.
If signs/symptoms persist, get medical attention.

**If Swallowed:**
No need for first aid is anticipated.

**4.2. Most important symptoms and effects, both acute and delayed**
See Section 11.1. Information on toxicological effects.

**4.3. Indication of any immediate medical attention and special treatment required**
Not applicable

## 5. Fire-fighting measures

**5.1. Suitable extinguishing media**
Material will not burn. Use a fire fighting agent suitable for the surrounding fire.

**5.2. Special hazards arising from the substance or mixture**
None inherent in this product.

**Hazardous Decomposition or By-Products**

| Substance | Condition |
|---|---|
| Carbon monoxide | During Combustion |
| Carbon dioxide | During Combustion |

**5.3. Special protective actions for fire-fighters**
No special protective actions for fire-fighters are anticipated.

## 6. Accidental release measures

Not applicable.

## 7. Handling and storage

**7.1. Precautions for safe handling**
For industrial or professional use only. Avoid breathing of dust created by sanding, grinding or machining. Damaged product can break apart during use and cause serious injury to face or eyes. Check product for damage such as cracks or nicks prior to use. Replace if damaged. Always wear eye and face protection when working at sanding or grinding operations or when near such operations. Combustible dust may form by action of this product on another material (substrate). Dust generated from the substrate during use of this product may be explosive if in sufficient concentration with an ignition source. Dust deposits should not be allowed to accumulate on surfaces because of the potential for secondary explosions.

**7.2. Conditions for safe storage including any incompatibilities**
No special storage requirements.

## 8. Exposure controls / personal protection

### 8.1. Control parameters

**Occupational exposure limits**
If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

| Ingredient | C.A.S. No. | Agency | Limit type |
|---|---|---|---|
| Silicon Carbide Mineral | 409-21-2 | OSHA | TWA (as total dust):15 mg/m3; TWA (respirable fraction):5 mg/m3 |

ACGIH : American Conference of Governmental Industrial Hygienists
AIHA : American Industrial Hygiene Association
CMRG : Chemical Manufacturer's Recommended Guidelines
OSHA : United States Department of Labor - Occupational Safety and Health Administration
TWA: Time-Weighted-Average
STEL: Short Term Exposure Limit
CEIL: Ceiling

### 8.2. Exposure controls

**8.2.1. Engineering controls**
Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment. Warning: Excessive operating speed or generation of extreme heat may result in harmful emissions. Use local exhaust ventilation. Provide local exhaust at process emission sources to control exposure near the source and to prevent the escape of dust into the work area. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment).

**8.2.2. Personal protective equipment (PPE)**

**Eye / face protection**
To minimize the risk of injury to face and eyes, always wear eye and face protection when working at sanding or grinding operations or when near such operations. Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:
Safety Glasses with side shields

**Skin / hand protection**
Wear appropriate gloves to minimize risk of injury to skin from contact with dust or physical abrasion from grinding or sanding.

**Respiratory protection**
Assess exposure concentrations of all materials involved in the work process. Consider material being abraded when determining the appropriate respiratory protection. Select and use appropriate respirators to prevent inhalation overexposure. An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program.
Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure: Half facepiece or full facepiece air-purifying respirator suitable for particulates

For questions about suitability for a specific application, consult with your respirator manufacturer.

### 9.1. Information on basic physical and chemical properties

| | |
|---|---|
| General Physical Form | Solid |
| Odor, Color, Grade: | Solid abrasive product |
| Odor threshold | Not Applicable |
| pH | Not Applicable |
| Melting point | Not Applicable |
| Boiling Point | Not Applicable |
| Flash Point | Not Applicable |
| Evaporation rate | Not Applicable |
| Flammability (solid, gas) | Not Classified |
| Flammable Limits(LEL) | Not Applicable |
| Flammable Limits(UEL) | Not Applicable |
| Vapor Pressure | Not Applicable |
| Vapor Density | Not Applicable |
| Specific Gravity | Not Applicable |
| Solubility In Water | Not Applicable |
| Solubility- non-water | Not Applicable |
| Partition coefficient: n-octanol/ water | Not Applicable |
| Autoignition temperature | Not Applicable |
| Decomposition temperature | Not Applicable |
| Viscosity | Not Applicable |
| Molecular weight | No Data Available |
| Volatile Organic Compounds | Not Applicable |
| Percent volatile | Not Applicable |
| VOC Less H2O & Exempt Solvents | Not Applicable |

## 10. Stability and reactivity

### 10.1. Reactivity
This material is considered to be non reactive under normal use conditions.

### 10.2. Chemical stability
Stable.

### 10.3. Possibility of hazardous reactions
Hazardous polymerization will not occur.

### 10.4. Conditions to avoid
None known.

### 10.5. Incompatible materials
None known.

### 10.6. Hazardous decomposition products

**Subtance:** Noe known.

Refer to section 5.2 for hazardous decomposition products during combustion.

## 11. Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

### 11.1. Information on Toxicological effects

**Signs and Symptoms of Exposure**

**Based on test data and/or information on the components, this material may produce the following health effects:**

**Inhalation:**
Dust from grinding, sanding or machining may cause irritation of the respiratory system. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

**Skin Contact:**
Mechanical Skin irritation: Signs/symptoms may include abrasion, redness, pain, and itching.

**Eye Contact:**
Mechanical eye irritation: Signs/symptoms may include pain, redness, tearing and corneal abrasion.

Dust created by grinding, sanding or machining may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing and blurred or hazy vision.

**Ingestion:**
No health effects are expected.

**Toxicological Data**
If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

**Acute Toxicity**

| Name | Route | Species | Value |
|---|---|---|---|
| Overall product | Ingestion | | No data available; calculated ATE>5,000 mg/kg |
| Silicon Carbide Mineral | Dermal | Rat | LD50>2,000 mg/kg |
| Silicon Carbide Mineral | Ingestion | Rat | LD50>2,000 mg/kg |

**Skin Corrosion / Irritation**

| Name | Species | Value |
|---|---|---|
| Silicon Carbide Mineral | Rat | No significant irritation |

**Serious Eye Damage / Irritation**

| Name | Species | Value |
|---|---|---|
| Silicon Carbide Mineral | Professional judgement | No significant irritation |

**Skin Sensitization**
For the component/components, either no data are currently available or the data are not sufficient for classification.

**Respiratory Sensitization**
For the component/components, either no data are currently available or the data are not sufficient for classification.

**Germ Cell Mutagenicity**
For the component/components, either no data are currently available or the data are not sufficient for classification.

**Carcinogenicity**
For the component/components, either no data are currently available or the data are not sufficient for classification.

**Reproductive Toxicity**

**Reproductive and/or Developmental Effects**
For the component/components, either no data are currently available or the data are not sufficient for classification.

**Target Organ(s)**

**Specific Target Organ Toxicity - single exposure**
For the component/components, either no data are currently available or the data are not sufficient for classification.

**Specific Target Organ Toxicity - repeated exposure**
For the component/components, either no data are currently available or the data are not sufficient for classification.

**Aspiration Hazard**
For the component/components, either no data are currently available or the data are not sufficient for classification.

**Please contact the address or phone number listed on the first page of the MSDS for additional toxicological information on this material and/or its components.**

## 12. Ecological information

**Ecotoxicological information**
Please contact the address or phone number listed on the first page of the MSDS for additional ecotoxicological information on this material and/or its components.

**Chemical fate information**
Please contact the address or phone number listed on the first page of the MSDS for additional chemical fate information on this material and/or its components.

## 13. Disposal considerations

**13.1. Disposal methods**
Dispose of contents/ container in accordance with the local/regional/national/international regulations.
Prior to disposal, consult all applicable authorities and regulations to insure proper classification.
The substrate that was abraded must be considered as a factor in the disposal method for this product.
Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. If no other disposal options are available, waste product may be placed in a landfill properly designed for industrial waste.

**EPA Hazardous Waste Number (RCRA): Not regulated**

## 14. Transport Information

The product is not covered by international regulation on the transport of dangerous goods.

## 15. Regulatory information

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

No specific marking requirements under respective EC directives.

## 16. Other information

**NFPA Hazard Classification**

**Health:** 0 / **Flammability:** 1 / **Instability:** 0 / **Special Hazards:** None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

**HMIS Hazard Classification**

Health: 0 / Flammability: 1 / Physical Hazard: 0 / Personal Protection: X - See PPE section.

Hazardous Material Identification System (HMIS® IV) hazard ratings are designed to inform employees of chemical hazards in the workplace. These ratings are based on the inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations. HMIS® IV ratings are to be used with a fully implemented HMIS® IV program. HMIS® is a registered mark of the American Coatings Association (ACA).

The information given is based on current knowledge. Products are described in term of their safety data. The data does not signify any warranty with regard to the products properties.
The product should only be used for the stated application or applications. Use of the product for applications other than as stated in the sheet may give rise to risks not mentioned in this sheet.