


Material Safety Data Sheet according to (EC) 1907/2006 Tradename: <div style="text-align: center;">CETRON Cleansing Powder</div>	<div style="text-align: center;">  </div> <div style="text-align: right;"> Status: 14.08.2013 Page: 1 von 5 </div>
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1. Identification of the substance/preparation and of the company/undertaking

Product details

- **Trade name:** **CETRON Cleansing Powder**
- **Application of the substance / the preparation** Cleaning agent for dental appliances
- **Manufacturer/Supplier:**

SCHEU DENTAL GmbH
 Am Burgberg 20
 D-58642 Iserlohn
 Tel. +49 (2374) 9288-0
 Fax +49 (2374) 9288-90

eMail: service@SCHEU-DENTAL.com
 Internet: www.SCHEU-DENTAL.com

2. Hazards identification

Classification of the substance or mixture: Classification according to Directive 67/548/EEC or 1999/45/EC

Label elements:

Hazardous determination component for marking: not relevant

Xi



R36 Irritant
 Irritating to eyes

S2 Keep out of the reach of children.
 S25 Avoid contact with eyes.
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S35 This material and its container must be disposed of in a safe way.
 S46 If swallowed, seek medical advice immediately and show this container or label.

Other hazards: not known

3. Composition/informations on ingredients

Raw Material	Reach-No.	Concentration % (Mass)	CAS-No.	EC-No.	Hazard Symbols	Classification
Citric Acid	n.v/n.a.	> 75 %	77-92-9	201-069-1	Xi GHS07	R36 Eye irrit. 2; H319


Full text of all H- and R-phrases: see section 16.

4. First aid measures

Description of first aid measures:

General information:	Remove victim out of the danger area. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
In case of inhalation:	Remove casualty to fresh air - seek medical advice immediately.
In case of skin contact:	Contaminated skin flush immediately with plenty of flowing water. If irritation persists, seek medical attention.
In case of eye contact:	In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
Following ingestion:	Rinse mouth with water, when the affected person is not unconscious, do not induce vomiting, seek medical attention immediately.

Most important symptoms and effects, both acute and delayed: No further relevant information available.

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Indication of any immediate medical attention and special treatment: No further relevant information available.

5. Fire-fighting measures

Extinguishing media:

Suitable extinguishing media:	Coordinate fire-fighting measures to the fire surroundings. Dispose contaminated fire extinguishing water according national and local regulations.
Extinguishing media which must not be used for safety reasons:	None

Special hazards arising from the substance or mixture:

low temperature carbonisation gas

Advice for fire-fighters:

Wear a self-contained breathing apparatus and chemical protective clothing.


6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:	Avoid additional leakage, if possible without hazards.
For emergency responders:	Wear personal protective clothing (see chapter 8).
Environmental precautions:	Do not allow to enter into surface water or drains.
Methods and material for containment and cleaning up:	Take up mechanically, placing in appropriate containers for disposal. Treat the recovered material as prescribed in the section on waste disposal.
Reference to other sections:	See safety precautions section 7 and 8.

7. Handling and Storage

Precautions for safe handling:	Use only in good ventilated areas. Avoid dust formation. Follow the details of the label and the instruction sheet. General health and safety measures have to be followed. Wash hands before breaks and on finishing work. Do not drink, eat or smoke and do not store foodstuffs in the working space. Transport only in closed lorries.
Conditions for safe storage, including any incompatibilities:	Do not storage in passages or stairways. Protect from humidity. Store only in original container in a cool and dry place away from alkali. Storage temperature: >10 °C; <30 °C At normal room temperature and low humidity the shelf life is at minimum on year.
Specific end use(s):	Cleaning agent for dental appliances.

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8. Exposure Controls / Personal Protection

Control parameters:

Raw material Conc. in mixture % CAS-No. Exposition

In cases where dust is generated observe compliance with TRGS 900 and a general dust limit value of 6 mg/m³ and if that value is exceeded, wear a fine particle mask.

Exposure controls:

Appropriate engineering controls: Provide adequate ventilation.


Individual protection measures:

Respiratory protection:	Required when dusts are generated: Use respirator mask with filter class P2 (EN 143).
Hand protection:	Wear chemical resistant gloves according to DIN EN 420/374. Recommended material; neoprene, natural rubber. According the thickness of the glove material and the maximum wear duration follow the additional information of the glove supplier.
Eye protection:	Wear eye / face protection.
Protective clothing:	Wear suitable protective clothing in case of generating dust.
Environmental exposure controls:	Take care of national and local regulations.

9. Physical and chemical properties

Information on basic physical and chemical properties:

Appearance:	Free flowing powder
Colour:	White
Odour:	Characteristical
pH-Value:	Appr. 2,5 (20°C, 1 % in water)
Melting point / freezing point:	No data available
Boiling point:	No data available
Flash point (°C)	No data available
Evaporation rate:	Not applicable
Flammability:	Not applicable
Flammability or explosive limits:	Not applicable
Vapour pressure:	Not applicable
Vapour density:	Not applicable
Bulk density (20°C):	Approx 1000 g/dm ³ (20°C)
Solubility in water:	Soluble
Solubility in fat:	No data available
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	Not applicable
Explosive properties:	Not applicable
Oxidising properties:	No data available
Other information:	Not available

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10. Stability and reactivity

Reactivity:	No spontaneous decomposition is expected.
Chemical stability:	Under normal conditions of storage and handling, no spontaneous decomposition is expected.
Possibility of hazardous reactions:	Based on available data, not applicable
Conditions to avoid:	High humidity, heat
Incompatible materials:	Strong alkali
Hazardous decomposition products:	Not known

11. Toxicological Information

Information on toxicological effects:

Acute toxicity:	No data available
Skin corrosion / irritation:	Based on available data, the classification criteria are not met.
Serious eye damage/irritation:	Irritant
Respiratory or skin sensitisation:	Based on available data, the classification criteria are not met.
Repeated dose toxicity:	Based on available data, the classification criteria are not met.
Carcinogenicity:	Based on available data, the classification criteria are not met.
Mutagenicity:	Based on available data, the classification criteria are not met.
Toxicity for reproduction:	Based on available data, the classification criteria are not met.

Acute toxicity, skin irritation, mucous membrane irritation, genetic modification potential and skin sensitisation of the mixture have been made in accordance with the conventional (calculation) method of directive 1999/45/EC. See section 3.


There are no specific experimental toxicological data for this formulation. According to the available data and experience, however, there is no further danger to expect in excess to the indicated.

12. Ecological Information

Toxicity:	No data available
Persistence and degradability:	Neutralisation is possible (only by expert)
Bioaccumulative potential:	No data available
Mobility in soil:	No data available
Results of PBT and vPvB assessment:	According to the available data neither the substances nor the mixture are to be classified as PB>T or vPvB.
Other adverse effects:	No further relevant information available.

13. Disposal Considerations

Waste treatment methods: The product and its empty, uncleaned containment must be disposed of in accordance with local waste regulations.
Do not dispose of into environment or into sewerage. Prevent contamination of soil, ground and surface waters.

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14. Transport Information

ADR / GGVSEB:

UN number:	No hazardous material as defined by the transport regulations.
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Special precautions for user:	Not applicable

15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

Labeling of the product is listed in chapter 2

Employment restrictions for pregnant women, children and adolescent persons have to be considered according to the corresponding regulations.

National regulations (Germany): water hazard class WGK 1 (self-rating VvVwS)

Chemical safety assessment: No chemical safety assessment available yet.

16. Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Abbreviations and acronyms:

n.v. / n.a.:	Nicht verfügbar / not available
PBT:	Persistent, bioaccumulative, toxic chemical
vPvB:	Very persistent and very bioaccumulative
WGK:	Wassergefährdungsklasse

List of relevant H- and R-phrases/statements used in section 3:

H319	Causes serious eye irritation.
R36	Irritating to eyes.