

Material Safety Data Sheet according to (EC) 1907/2006		
Tradename:	CETRON® Cleansing Powder	
		Status: 08.10.2024 Page: 1 von 8

SECTION 1: Identification of the substance/preparation and of the company/undertaking

1.1. Product identifier

Name of product: CETRON® Cleansing Powder

UFI:

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

Use of the substance/mixture

Cleaning material

1.3. Details of the supplier of the safety data sheet

Manufacturer / distributor

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

1.4. Emergency telephone number: +49 (2374) 9288-0

SECTION 2 : Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Eye Irrit. 2; H319

2.2. Label elements

Signal word: Warning

Pictograms: GHS07



Hazard statements

H319	Causes serious eye irritation.
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Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...
P264	Wash thoroughly after handling.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.

Special labelling of particular preparations:

2.3. Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Material Safety Data Sheet according to (EC) 1907/2006		
Tradename:	CETRON® Cleansing Powder	Status: 08.10.2024 Page: 2 von 8

SECTION 3: Composition / information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Hazardous components

EC-No..	Chemical name	Quantity
CAS-No.	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
Index-No.		
REACH-No.		
201-069-01	citric acid	50 – 100 %
77-92-9	! Eye Irrit. 2, H319	
01-2119457026-42		

SVHC Not applicable

Regulation (EC) No. 648/2004 on detergents / Labelling for contents Not required.

Additional information

For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General Information:	Take affected persons out of danger area and lay down.
After inhalation:	Supply fresh air or oxygen; call for doctor.
After contact with skin:	Wash immediately with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.
After contact with eyes:	Rinse opened eye for several minutes under running water. Then consult a doctor.
After ingestion:	Rinse out mouth and then drink plenty of water. Do not induce vomiting; call for medical help immediately

4.2. Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use fire extinguishing methods suitable to surrounding conditions.

Unsuitable extinguishing media

Not required

5.2. Special hazards arising from the substance or mixture

No further relevant information available.

Material Safety Data Sheet according to (EC) 1907/2006 Tradename: CETRON® Cleansing Powder	 Status: 08.10.2024 Page: 3 von 8
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5.3. Advice for firefighters

Special protective equipment for fire fighters:

Do not inhale explosion and combustion gases. Wear self-contained respiratory protective device.

Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

6.2. Environmental precautions

Do not allow to enter sewers/ surface or ground water.

6.3. Methods and material for containment and cleaning up

Pick up mechanically.

Dispose of the material collected according to regulations.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Advice on safe handling

Prevent formation of dust.

Advice on protection against fire and explosion

No special measures required.

Advice on general occupational hygiene

Avoid contact with skin, eyes and clothing. Draw up and observe skin protection programme. Wash hands before breaks and after work. When using do not eat or drink.

7.2. Conditions for safe storage, including any incompatibilities

Storage:

Requirements for storage rooms and vessels

Store only in the original receptacle.

Protect from humidity and water.

Storage temperature: > 10 °C; < 30 °C

At normal room temperature and low humidity the shelf life is at minimum one year.

Information about storage in one common storage facility:

Do not store together with alkalis (caustic solutions).

Further information on storage conditions

Keep container tightly sealed.

Storage class:

7.3. Specific end use(s)

No further relevant information available.

Additional information about design of technical facilities.

No further data; see item 7.

Material Safety Data Sheet according to (EC) 1907/2006 Tradename: CETRON® Cleansing Powder	 Status: 08.10.2024 Page: 4 von 8
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SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information:

The lists valid during the making were used as basis.

8.2. Exposure controls

Personal protective equipment:

Protective and hygiene measures:

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Eye/face protection

Face protection



Tightly sealed goggles

Hand protection



Protective gloves

The glove material has to be impermeable and resistant to the product / the substance / the preparation. Due to missing tests no recommendation to the glove material can be given for the produkt/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Respiratory protection

Not necessary if room is well-ventilated. In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Limitation and supervision of exposure into the environment

No special precautions are necessary if used correctly.

Material Safety Data Sheet according to (EC) 1907/2006		
Tradename:	CETRON® Cleansing Powder	
		Status: 08.10.2024 Page: 5 von 8

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

General Information

Physical state:	Powder
Colour:	White
Odour:	Product specific
Odour threshold:	Not determined
pH-value (10g/l) at 20 °C:	approx. 2,5
Melting point/freezing point:	Undetermined
Initial boiling point and boiling range:	Undetermined
Flash point:	Not applicable
Flammability (solid, gas):	Not determined
Ignition temperature:	Not determined
Decomposition temperature:	Not determined
Self-igniting:	Product is not selfigniting.
Danger of explosion:	Produkt does not present an explosion hazard.
Lower explosion limit:	Not determined
Upper explosion limit:	Not determined
Vapour pressure:	Not applicable.
Density:	Not determined
Bulk density:	approx. 1000 g/dm ³
Relative density:	Not determined
Vapour density	Not applicable
Evaporation rate:	Not applicable
Water solubility:	Soluble
Partition coefficient: n-octanol/water	Not determined
Viscosity Dynamic:	Not applicable
Viscosity Kinematic:	Not applicable

9.2. Other information

Solid content not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Protect from humidity and water.

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition products

No dangerous decomposition products known.

Material Safety Data Sheet according to (EC) 1907/2006		
Tradename:	CETRON® Cleansing Powder	Status: 08.10.2024 Page: 6 von 8

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

Acute toxicity

CAS-No.	Chemical name				
	Exposure routes	Method	Dose	Species	Source
77-92-9	citric acid				
	oral	LD50	5400 mg/kg	mouse	OECD 401
		LD50	11700 mg/kg	rat	OECD 401
	dermal	LD50	> 2000 mg/kg	rat	

Irritation and corrosivity

Serious eye damage / irritation

Irritating effect.

Respiratory or skin sensitisation

No sensitising effects known.

CMR effects (carcinogenic, mutagenic and toxic effects for reproduction)

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

SECTION 12: Ecological Information

12.1. Toxicity

Aquatic toxicity:

No further relevant information available.

12.2. Persistence and degradability

No further relevant information available.

12.3. Bioaccumulative potential

No further relevant information available.

12.4. Mobility in soil

No further relevant information available.

12.5. Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

12.6. Endocrine disrupting properties

No further relevant information available.

12.6. Other adverse effects

No further relevant information available.

Further information:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Material Safety Data Sheet according to (EC) 1907/2006		
Tradename:	CETRON® Cleansing Powder	Status: 08.10.2024 Page: 7 von 8

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendation
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

Uncleaned packaging:
Recommendation:
Non contaminated packagings may be recycled. Packagings that may not be cleansed are to be disposed of in the same manner as the product.

Recommended cleansing agents:
Water, if necessary together with clansing agents.

Section 14. Transport Information

Land transport (ADR/RID)	
14.1. UN number:	No hazardous material according to transport regulations.
14.2. UN proper shipping name:	
14.3. Transport hazard class(es):	
14.4. Packing group:	
Hazard label:	
Classification code:	
Special Provisions:	
Limited quantity:	
Transport category:	
Hazard No:	
Tunnel restriction code:	
Other applicable information (land transport)	

Inland waterways transport (ADN)	
14.1. UN number:	No hazardous material according to transport regulations
14.2. UN proper shipping name:	
14.3. Transport hazard class(es):	
14.4. Packing group:	
Hazard label:	
Classification code:	
Spezial Provisions:	
Limited quantity:	
Other applicable information (inland waterways transport)	

Marine transport (IMDG)	
14.1. UN number:	No hazardous material according to transport regulations
14.2. UN proper shipping name:	
14.3. Transport hazard class(es):	
14.4. Packaging group:	
Hazard label:	
Special Provisions::	
Limited quantity:	
EmS:	
Other applicable information (marine transport):	

Material Safety Data Sheet according to (EC) 1907/2006		
Tradename:	CETRON® Cleansing Powder	Status: 08.10.2024 Page: 8 von 8

Air transport (ICAO)

14.1. UN number:	No hazardous material according to transport regulations
14.2. UN proper shipping name:	
14.3. Transport hazard class(es):	
14.4. Packaging group:	
Hazard label:	
Special Provisions:	
Limited quantity Passenger:	
IATA-packing instructions - Passenger:	
IATA-max. quantity - Passenger:	
IATA-packing instructions - Cargo:	
IATA-max. quantity - Cargo:	
Other applicable information (air transport)	
Passenger-LQ:	

14.5. Environmental hazards

not applicable.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

Section 15. Regulatory Information

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

National regulations:

Information about limitation of use:

Employment restrictions concerning pregnant and lactating women must be observed.

Employment restrictions concerning juveniles must be observed.

Water contaminating class (D): WGK 1- weak water pollutant

15.2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out.

Section 16. Other Information

Abbreviations and acronyms

ADR	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG	International Maritime Code for Dangerous Goods
IATA	International Air Transport Association
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
CAS	Chemical Abstracts Service (division of the American Chemical Society)
LC50	Lethal concentration, 50 %
LD50	Lethal dose, 50 %

Relevant H- and EUH-phrases (number and full text)

Hazard statements

H319 Causes serious eye irritation.

Material Safety Data Sheet according to (EC) 1907/2006	
Tradename: CETRON® Cleansing Powder	Status: 08.10.2024 Page: 9 von 8

Further information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.