



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Bürstenreiniger Pulver

Print date: 18.06.2014

Product code: 182

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#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Bürstenreiniger Pulver

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

###### Use of the substance/mixture

Bürstenreiniger für Gläserspülbürsten

##### 1.3. Details of the supplier of the safety data sheet

Company name:	FUCHS	
	Gastronomiebedarf GmbH	
Street:	Siemensstr. 3	
Place:	D-63165 Mühlheim/M.	
Telephone:	0049 - (0) 6108- 79 57 50	Telefax: 0049 - (0) 6108 - 79 42 8
e-mail:	mail@fuchs-gastro.de	

##### 1.4. Emergency telephone number:

+49(0)160-92250872

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

Indications of danger: Xi - Irritant

R phrases:

Irritating to eyes and skin.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

##### 2.2. Label elements

Danger symbols: Xi - Irritant



Xi - Irritant

###### R phrases

36/38

Irritating to eyes and skin.

52/53

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

###### S phrases

02

Keep out of the reach of children.

26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

37

Wear suitable gloves.

46

If swallowed, seek medical advice immediately and show this container or label.

24/25

Avoid contact with skin and eyes.

###### Additional advice on labelling

The classification was undertaken in accordance with the method of calculation governed by the preparation regulations (1999/45/EC).

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

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#### Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
207-838-8	sodium carbonate	< 10 %
497-19-8	Xi - Irritant R36	
011-005-00-2	Eye Irrit. 2; H319	
229-912-9	disodium metasilicate	< 10 %
6834-92-0	C - Corrosive, Xi - Irritant R34-37	
014-010-00-8	Skin Corr. 1B, STOT SE 3; H314 H335	
220-767-7	troclosene sodium, dihydrate	< 2 %
51580-86-0	Xn - Harmful, Xi - Irritant, N - Dangerous for the environment R22-31-36/37-50-53	
613-030-01-7	Acute Tox. 4, Eye Irrit. 2, STOT SE 3, Aquatic Acute 1 (M-Factor = 1), Aquatic Chronic 1 (M-Factor = 1); H302 H319 H335 H400 H410 EUH031	

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

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

###### General information

Remove contaminated, saturated clothing immediately.

###### After inhalation

Following inhalation: Move victim to fresh air. Consult physician.

###### After contact with skin

After contact with skin, wash immediately with: Water.

###### After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

###### After ingestion

Do NOT induce vomiting.

Let water be drunk in little sips (dilution effect).

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

Reizwirkung auf Haut, Augen und Atmungsorgane; Kopfschmerzen, Übelkeit; Magen-Darm-Beschwerden.

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

Treat symptomatically.

#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

###### Suitable extinguishing media

Taking a vote on surroundings fire.

##### 5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated:

Gas/vapours, harmful.

Gas/vapours, irritant.



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#### **5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

#### **Additional information**

Contaminated fire-fighting water must not get into the sewerage network.

### SECTION 6: Accidental release measures

#### **6.1. Personal precautions, protective equipment and emergency procedures**

Avoid generation of dust. Wear personal protection equipment.

#### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

#### **6.3. Methods and material for containment and cleaning up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

#### **6.4. Reference to other sections**

Information for safe handling see chapter 7.

Information for personal protective equipment see Chapter 8.

### SECTION 7: Handling and storage

#### **7.1. Precautions for safe handling**

##### **Advice on safe handling**

It is recommended to design all work processes always so that the following is excluded:  
inhalation. skin contact. Eye contact.

#### **7.2. Conditions for safe storage, including any incompatibilities**

##### **Requirements for storage rooms and vessels**

Keep only in the original container in a cool, well-ventilated place.

### SECTION 8: Exposure controls/personal protection

#### **8.1. Control parameters**

#### **8.2. Exposure controls**

##### **Protective and hygiene measures**

Do not eat, drink, smoke or sneeze at the workplace.  
Keep away from: food feeding stuff

##### **Eye/face protection**

Suitable eye protection: Tightly sealed safety glasses.

##### **Hand protection**

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

##### **Skin protection**

Body protection: not applicable.

##### **Respiratory protection**

Respiratory protection necessary at: Handling larger quantities.

### SECTION 9: Physical and chemical properties

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

Physical state:	Powder
Colour:	white
Odour:	characteristic

**Test method**

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pH-Value (at 20 °C): in 1%-iger Lösung 9

**Changes in the physical state**

Melting point: Don't decide

Initial boiling point and boiling range: Don't decide

Sublimation point: Don't decide

Softening point: Don't decide

Flash point: Don't decide

**Explosive properties**

not Explosive.

Density (at 20 °C): 1,04 g/cm<sup>3</sup>

Water solubility: highly soluble.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No dangerous reactions at a correct storage and handling.

**10.3. Possibility of hazardous reactions**

No dangerous reactions at a correct storage and handling.

**10.4. Conditions to avoid**

Offering protection against frost.

**10.5. Incompatible materials**

No dangerous reactions at a correct storage and handling.

**10.6. Hazardous decomposition products**

Thermal decomposition can lead to the escape of irritating gases and vapors.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity**

Acute toxicity, oral LD50: &gt; 2000 mg/kg (rat)

Acute toxicity, dermal LC50: &gt; 2000 mg/kg (rab)

CAS No	Chemical name	Exposure routes	Method	Dose	Species	Source
497-19-8	sodium carbonate	oral	LD50	4090 mg/kg	Rat	IUCLID
6834-92-0	disodium metasilicate	oral	LD50	800-1400 mg/kg	rat	
51580-86-0	troclosene sodium, dihydrate	oral	ATE	500 mg/kg		

**Irritation and corrosivity**

Irritant effect on the skin: Irritant.

Irritant effect on the eye: irritant.

**Sensitising effects**

No sensitizing effect confessed

**Severe effects after repeated or prolonged exposure**

Frequently or prolonged contact with skin may cause dermal irritation.

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**SECTION 12: Ecological information****12.1. Toxicity**

No environmental toxicological data available.

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	[h]   [d]	Species	Source
497-19-8	sodium carbonate					
	Acute fish toxicity	LC50	300 mg/l	96 h	Lepomis macrochirus	
	Acute crustacea toxicity	EC50	265 mg/l	48 h	Daphnia magna	IUCLID
6834-92-0	disodium metasilicate					
	Acute fish toxicity	LC50	3185 mg/l	96 h	Brachydanio rerio	OECD 203
	Acute crustacea toxicity	EC50	4857 mg/l	48 h	Daphnia magna	

**12.2. Persistence and degradability**

The Tenside used in the mixture correspond to the Detergenzienverordnung (no. 648/2004) and are degradable completely aerobically. The product doesn't contribute to the AOX value of the water.

**12.3. Bioaccumulative potential**

No indication of bio-accumulation potential.

**12.4. Mobility in soil**

No data available

**12.6. Other adverse effects**

No data available

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Advice on disposal**

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

**Contaminated packaging**

Cleaned containers may be recycled.

**SECTION 14: Transport information****Land transport (ADR/RID)****14.3. Transport hazard class(es):** No dangerous good in sense of these transport regulations.**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

Water contaminating class (D):

Biocide registry number: N-28408

**15.2. Chemical safety assessment**

For this substance a chemical safety assessment has not been carried out.

**SECTION 16: Other information****Relevant R-phrases (Number and full text)**

22 Harmful if swallowed.

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- |       |   |
|-------|---|
| 31    | Contact with acids liberates toxic gas.   |
| 34    | Causes burns.   |
| 36    | Irritating to eyes.   |
| 36/37 | Irritating to eyes and respiratory system.  |
| 36/38 | Irritating to eyes and skin.  |
| 37    | Irritating to respiratory system.   |
| 50    | Very toxic to aquatic organisms.  |
| 52/53 | Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| 53    | May cause long-term adverse effects in the aquatic environment.                               |

**Relevant H- and EUH-phrases (Number and full text)**

- |        |   |
|--------|---|
| H302   | Harmful if swallowed.                                 |
| H314   | Causes severe skin burns and eye damage.              |
| H319   | Causes serious eye irritation.                        |
| H335   | May cause respiratory irritation.                     |
| H400   | Very toxic to aquatic life.                           |
| H410   | Very toxic to aquatic life with long lasting effects. |
| EUH031 | Contact with acids liberates toxic gas.               |

**Further Information**

The processing and application notes are on the technical leaflets to the products. The details are based on today's stand of our knowledge, they don't represent any assurance of product qualities, however, and don't justify any contractual facts of the case.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*