


**Safety Data Sheet****According to EEC-Regulation 1907/2006**

SD 662253224

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

- 1.1. Product identifier/Trade name: **etolit® Teeka-Reiniger**  
 Use of the substance/preparation: Cleaner for coffee machines
- 1.2. Relevant identified uses of the substance or mixture: there are no information yet  
 uses advised against: there are no information yet
- 1.3. Details of the supplier of the safety data sheet:  
 Company: **etol-Werk  
 Eberhard Tripp GmbH & Co.OHG  
 Allerheiligenstr. 12  
 D-77728 Oppenau  
 Tel.: ++49(0)7804/41-0  
 sdb@etol.de**
- Contact for technical information:  
 1.4. Emergency telephone number: ---  
 Poison first aid: ---  
 Emergency number of the company: ++49(0)7804/41-167

**2. Hazards identification**

- 2.1. Classification of the substance or mixture: EC-Directive 1999/45/EC
- 2.2. Label elements: Hazard symbol: **C** corrosive  

- R-Phrases: R34 Causes burns  
 S- Phrases: S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 S36/37/39 Wear suitable protective clothing, gloves and eye/face protection  
 S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
- 2.3. Other hazards: high pH-value can be harmful to water

**3. Composition / information on ingredients**

- 3.1. Substance: ---
- 3.2. Mixture: Mixture of following substances with non-dangerous ingredients:
- |                                       |                                         |                               |               |
|---------------------------------------|-----------------------------------------|-------------------------------|---------------|
| Substance name: disodium metasilicate | CAS: 6834-92-0<br>R-Phrases: 34, 37     | Content: > 5 %<br>REACH-Reg.: | Symbol: C     |
| Substance name: sodium carbonate      | CAS: 497-19-8<br>R-Phrases: 36          | Content: > 5 %<br>REACH-Reg.: | Symbol: Xi    |
| Substance name: sodium percarbonate   | CAS: 15630-89-4<br>R-Phrases: 8, 22, 41 | Content: > 5 %<br>REACH-Reg.: | Symbol: Xn, O |
- (For complete wording of R-Phrases, refer to point 16)

**4. First-aid measures**

- 4.1. Description of first aid measures:
- Inhalation: Rest, fresh air, put into recovery position should the casualty become unconscious. Consult doctor if necessary.
- Skin contact: Remove contaminated clothing, wash thoroughly with water. Consult doctor if necessary.
- Eye contact: Rinse for several minutes under running water with eyelid lifted. Call doctor immediately.
- Ingestion: Immediately rinse out mouth and drink large quantities of water, do not encourage casualty to vomit. Ingestion will seriously corrode the mouth and throat. There is also a risk of the oesophagus and stomach being perforated. Consult doctor immediately.
- 4.2. Most important symptoms and effects, both acute and delayed:  
 see point 4.1.
- 4.3. Indication of any immediate medical attention and specific treatment needed:

**5. Fire-fighting measures**

- 5.1. Extinguishing media:  
 suitable: Water jet spray, CO<sub>2</sub>, dry powder  
 non suitable: High volume water jet
- 5.2. Special hazards arising from the substance or mixture:  
 In case of fires, gases are formed: Oxides of carbon, hydrogen  
 Do not breathe in any fumes caused by a fire.
- 5.3. Advice for fire-fighters:  
 Special protective equipment: Alkali-resistant protection clothing  
 Protective respirator with independent air supply  
 Dispose of fire residues and contaminated water used in fire fighting in accordance with all relevant local authority regulations.  
 Any contaminated water used in fire fighting is to be collected separately, and must not enter the sewer system.

**6. Accidental release measures**

- 6.1. Personal precautions, protective equipment and emergency procedures:  
 Wear clothing to protect against chemicals  
 Ensure good ventilation.  
 Keep unauthorised persons at a safe distance.  
 Risk of slipping on escaping product.  
 Avoid inhalation and contact with eyes and skin.
- 6.2. Environmental precautions:  
 Do not allow to enter the sewer system / pollute the environment
- 6.3. Methods and material for containment and cleaning up:  
 Take up dry and dispose in accordance with regulations  
 Recommended cleaning agent: Water
- 6.4. Reference to other sections:

**7. Handling and storage**

- 7.1. Precautions for safe handling  
 Store in tightly sealed containers.  
 Ensure good ventilation.  
 Do not mix with acids.  
 Avoid contact with eyes and skin.  
 Handle and open containers with care
- 7.2. Conditions for safe storage, including any incompatibilities:  
 Store in tightly sealed containers.  
 Store in a dark and cool place.  
 Protect from heat and direct sunlight.  
 Store only in original packing.  
 Avoid storing with acids  
 Storage class (VCI): 8B.
- 7.3. Specific end use(s):

**8. Exposure controls / personal protection**

## 8.1. Control parameters:

Components containing workplace-related exposure limit values that require monitoring
AGW:

## 8.2. Exposure controls:

## General protection and hygiene measures:

- Keep away from foodstuffs, drink and feeds.
- Whilst at work, do not smoke, drink or eat.
- Avoid contact with skin, eyes and clothing.
- Immediately remove any contaminated and saturated clothing.
- Wash your hands thoroughly before any breaks and at the close of work.

## Personal protective equipment:

- Respiratory protection: ---
- Skin protection: alkali resistant protective clothing (EN 368/9)
- Hand protection: Chemical protective gloves made of butyl rubber or nitrile rubber category III according to EN 374. Note the details of the glove manufacturer's breakthrough times with particular reference to workplace conditions such as mechanical stress and the contact time.
- Eye protection: tight-fitting protective goggles with sight protective (EN 166)

**9. Physical and chemical properties**

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

Physical state:	solid
Colour:	white
Odour:	odourless
pH-Value (undiluted)	14
Melting point/melting temperature range	> 60 °C
Flammability (solid, gas)	no
Bulk density (20°C)	0,9 g/ml
Solubility in water (20°C)	mixable

## 9.2. Other information:

**10. Stability and reactivity**

## 10.1. Reactivity:

No decomposition, if stored and handled correctly.

## 10.2. Chemical stability:

No decomposition, if stored and handled correctly.

## 10.3. Possibility of hazardous reactions:

Contact with light metals may release dangerous gases (hydrogen).

## 10.4. Conditions to avoid:

Avoid contact with other chemicals.

## 10.5. Incompatible materials:

Acids, light metals, zinc, flammable materials, reducing agent

## 10.6. Hazardous decomposition products:

Contact with light metals may release dangerous gases (hydrogen).

**11. Toxicological information**

## 11.1. Information to toxicological effects:

## Acute Toxicity and immediate effects:

Ingestion, LD50 rat oral (mg/kg):	n.a.
Inhalation, LC50 rat inhaled (mg/l/4h):	n.a.
Skin contact	Causes burns
Eye contact:	Causes burns

## Delayed and chronic effects:

Sensitization:	n.a.
Carcinogenicity:	n.a.
Mutagenicity:	n.a.
Reproductive toxicity:	n.a.
Narcosis:	n.a.

## Additional information:

Acute Toxicity, skin irritation, mucous membrane, mutagenic potential and skin sensitization of the preparation were evaluated by the manufacturer/distributor based on the assessed available data on the components.

For some components there are data gaps. In the experience of the manufacturer/distributor there are expected no other risks than the marking.

Classification according to calculation procedure

Causes burns

**12. Ecological information**

12.1. Toxicity: n.a.

12.2. Persistence and degradability:

This product meets the requirements of the Directive 648/2004/EC.

12.3. Bioaccumulative potential: n.a.

12.4. Mobility in soil: n.a.

12.5. Results of PBT- and vPvB-assessment: n.a.

12.6. Other adverse effects:

note pH value, neutralisation possible


### 13. Disposal considerations

13.1. Waste treatment methods:	
Disposal:	Comply with all local authority regulations. Dispose after prior chemical/physical pre-treatment
Waste code/EAK-Nr.:	060299
Non-cleaned packages:	Contaminated packages are to be emptied optimally, following corresponding cleaning action they can be recycled

### 14. Transport information

14.1. UN-Number:	3253
14.2. UN Proper shipping name:	disodium trioxosilicate
14.3. Transport hazard class:	class 8
14.4. Packaging group:	III
	regulation about limited quantities (LQ) applicable
14.5. Environmental hazards:	not applicable
14.6. Special precautions for users:	
	The transport of dangerous goods employed persons must be taught.
	The dangerous goods must be secured so that its position during transport can not change or can change only slightly.
14.7. Transport in bulk according Annex II of MARPOL 73/78 and the IBC Code:	not applicable
14.8. Other information:	
Tunnel restriction code:	E
Transport by sea:	class 8/III
Transport by air:	class 8/III

### 15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:	
Hazard symbol:	C corrosive
	
R-Phrases: R34	Causes burns
S- Phrases: S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection
S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
15.2. Chemical safety assessment:	It was not carried out safety assessment.
15.3. Other information:	
Water hazard class (WGK) (Germany):	1 (self-assessment)
VbF (Germany):	---
ChemGiftInfoV:	yes

### 16. Other information

The following phrases represent the prescribed R-phrases of the ingredients (point 2)	
R8	Contact with combustible material may cause fire
R22	Harmful if swallowed
R34	Causes burns
R36	Irritating to eyes
R37	Irritating to respiratory system
R41	Risk of serious damage to eyes
Legend:	n.a. = not available / AGW = maximum concentration for work place (Germany)
Further details can be found on the label. These details are based on the current state of knowledge and experience; they do not represent any warranty as to specific qualities.	