

# EC Material Safety Data Sheet

in accordance with Commission Directive 91/155/EEC and 2001/58/EC

cafina AMC

Product number: 3512

MSDS revised on: 18.04.2006

print date: 18.07.2006

page: 1 of 5

## 1. Identification of the Preparation and of the company/undertaking

Trade name: cafina AMC

Use of the preparation: (13) scale remover; for professional, manual use

Manufacturer/distributor or importer:

Chemische Fabrik Dr. Weigert GmbH & Co. KG, Mühlenhagen 85, D-20539 Hamburg  
Telefon: #49 (0)40/78960-0    Telefax: #49 (0)40/78960-120    E-Mail: info@drweigert.de  
Sanaclean AG Zug, CH-6312 Steinhausen  
Telefon: #41 (0)41 7418877    Fax: #41 (0)41 741-1252    E-Mail: info@sanaclean.ch

Emergency Call (national poison control centre) :

## 2. Composition/information on ingredients

Hazardous ingredients and their classification as pure substances acc. to Dangerous Preparation Directive 99/45/EC  
For product classification see heading 3 and 15 ! For full text of R phrases see heading 16!

Hazardous ingredient		%	Symbols	R-Sentences
CAS: 77-92-9 EINECS: 201-069-1	citric acid	> 30	Xi	36

## 3. Hazards Identification

R 36            Irritating to eyes.

## 4. First aid measures

**General information:** Change clothing which has become wetted with the substance.

**After contact with the skin:** Wash off affected skin areas immediately and rinse with plenty of water.

**After contact with the eyes:** Rinse the opened eye with plenty of water.

**If the substance is swallowed:** Rinse out mouth and immediately ,drink 1 glass of water.

Do not provoke vomiting. Consult a doctor in case of continuing unwellness.

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page: 2 of 5

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## 5. Fire-fighting measures !!!

### Suitable extinguishing agents:

water (spray), foam,extinguishant powder, carbon dioxide. Adapt firefighting operation to surrounding fire.

### Extinguishing agents which are unsuitable for reasons of safety:

none specified

### Special exposure hazards arising by the preparation itself, combustion products, resulting gases:

none known

### Special protective equipment for fire fighters additional to sec. 8:

In the event of fire wear self-contained breathing apparatus.

### Further remarks:

Product itself does not burn.

none

## 6. Accidental release measures !!!

### Personal precautions additional to section 8:

none

### Environmental precautions:

Do not flush concentrate into drains, surface or ground waters.

### Methods for cleaning up:

Collect spillage with adsorbent material (e.g. sand, earth, vermiculite, diatomaceous earth) .

Flush away minor amounts with plenty of water.

## 7. Handling and storage

**Handling:** No special measures required if used correctly.

**Storage:** No special precautionary measures required.

## 8. Exposure controls / personal protection

**Additional information on the design of technical plant:** No special measures required.

### Components with occupational threshold limit values:

CAS-Nr.	Substance	mg/m <sup>3</sup> ; ml/m <sup>3</sup>
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### Personal safety equipment:

No special measures required. Follow the usual precautionary measures for the handling with chemicals.

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page: 3 of 5

## 9. Physical and chemical properties relevant for the preparation

<b>Form:</b> cristalline powder	<b>Flash</b> n.a.
<b>Colour:</b> white	<b>pH-value</b> (20°C) approx.: 2,3 (10 %)
<b>Odour:</b> none	<b>Result of Acid-/Alkali reserve :</b> not corrosive
<b>Density</b> (20 ° C) g/cm <sup>3</sup> approx. n.a.	<b>Solubility in water</b> ( (20 ° C): soluble
<b>Bulk density g/l approx.:</b> 610-975	
<b>Viscosity</b> (20 ° C) mPa s : n.a.	

n.a. : nicht anwendbar/ not applicable/ pas applicable; “-” : keine Daten, no data, aucunes données

## 10. Stability and reactivity

**Conditions to be avoided:** Does not decompose if used as directed..

**Substances to be avoided:** Do not mix with other products.

**Dangerous decomposition products:** None if used as per instructions.

## 11. Toxicological information

The assessment of the toxicological properties of the product is based exclusively upon the data of the raw materials and the classification criteria (calculation method) of the European Dangerous Preparation Directive 99/45/EC.

No test data are available for the preparation.

After contact with the concentrate hazards as mentioned under section 3 and 15 resp. may occur.

## 12. Ecological informations !!!

The assessment of the ecotoxicological properties of the product is based exclusively upon the data of the raw materials and the classification criteria (calculation method) of the European Dangerous Preparation Directive 99/45/EC.

No test data are available for the preparation.

Do not allow the concentrate to contaminate the public sewage system, surface water or ground water. The local regulations (e.g. pH value) must be observed when discharging dilute application solutions into the public sewage system. The function of public sewage-treatment plants is not impaired if adequately diluted solutions within the permitted pH range are discharged.

**German water hazard class (WGK):** 1 - low hazard to waters

## 13. Information on disposal

**Preparation:** Please review national or regional provisions prior to disposal! Recommendation: Incineration by an authorized plant. EWC code number recommendation (European Waste catalogue) :070608 “Waste from manufacturing, trading and use of ...detergents, soaps, disinfectants and cosmetics...”; for aerosols only: EWC 160504 “Gases in aerosol cans containing dangerous substances”.

**Packagings (not cleaned):** Contaminated packagings out of HDPE should be restlessly emptied. They are then suitable for recycling, incineration or landfilling. Please review national or regional provisions prior to disposal!

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print date: 18.07.2006

page: 4 of 5

## 14. Transport informations According to harmonized regulations ADR/RID/IMDG-Code/IATA-DGR/ICAO-TI:

**UN Number:** -

**Proper Shipping Name:**

-

**Class** -                    **Packaging Group:** -                    **Marine Pollutant:** -                    **EmS** -

**Hazard Label(s) No** - ,

**remarks:**

## 15. Regulations

**Classification and labelling of the product as delivered according to the European Dangerous Preparation Directive 1999/45/EC:**

**Symbol(s):** Xi Irritant

**contains:**

**Risk phrases:**

R 36 Irritating to eyes.

**Safety phrases:**

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 46 If swallowed, seek medical advice immediately and show this container or label.

**Additional Remarks:**

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page: 5 of 5

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## 16. Additional information

### Full text of the R phrases mentioned in chapter 2

R 36 Irritating to eyes.

### Recommended restrictions on use :

- Ingredients according to European Regulation(EC) No 648/2004 on detergents !!!
- Active substances for biocides/disinfectants (if applicable)

-special ingredients: organic acids

### Further information :

The above information which is given to the best of our knowledge and on the basis of experience to date is intended to describe our product with regard to possible safety requirements but does not constitute a description of quality or assurance of specific characteristics. Any modification is marked by !!! in the heading of relevant chapter.