

## EU Material Safety Data Sheet According to 91/155 EEC& 93/112 EWG

Printing date 10.05.2005

V - 3

Reviewed on 10.05.2005




### 1 Identification of substance:

- **Product details:**
- **Trade name:** **KAMARETA CAFE CLEAN TABS**
- **Application of the substance / the preparation:**  
Special tablets removes coffee residue from coffee machines
- **Manufacturer/Supplier:**  
KAMARETA EST.  
Meierhofstrasse 85  
LI-9495 Triesen  
Tel: +423 392 37 17  
Fax: +423 392 37 19  
E-Mail: info@kamareta.com  
Internet: www.kamareta.com
- **Informing department:** Product safety department
- **Emergency information:**  
Toxic and Informations center Zürich  
CH 8030 Zürich, Freiestrasse 16  
Tel: +41 44 251 51 51

### 2 Composition/Data on components:

- **Chemical characterization**
- **Description:** Mixture of the substances listed below with harmless additions.

· **components:**

CAS: 15630-89-4 EINECS: 239-707-6	Natriumpercarbonat	 Xn,  O; R 8-22-36/37/38	10-<25%
	Tensid	 Xn; R 20/22-37/38-41	10-<25%

- **Additional information** For the wording of the listed risk phrases refer to section 16.

### 3 Hazards identification

- **Hazard designation:**



Xn Harmful

- **Information pertaining to particular dangers for man and environment**  
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.  
R 22 Harmful if swallowed.  
R 37/38 Irritating to respiratory system and skin.  
R 41 Risk of serious damage to eyes.
- **Classification system**  
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

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### 4 First aid measures

- **General information** Instantly remove any clothing soiled by the product.
- **After inhalation** Seek medical treatment in case of complaints.
- **After skin contact**  
Instantly wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.
- **After eye contact**  
Rinse opened eye for several minutes under running water. Then consult doctor.
- **After swallowing**  
Do not induce vomiting; instantly call for medical help.  
A person vomiting while lying on their back should be turned onto their side.

### 5 Fire fighting measures

- **Suitable extinguishing agents** Use fire fighting measures that suit the environment.
- **Special hazards caused by the material, its products of combustion or resulting gases:**  
Formation of toxic gases is possible during heating or in case of fire.
- **Protective equipment:** Do not inhale explosion gases or combustion gases.

### 6 Accidental release measures

- **Person-related safety precautions:**  
Ensure adequate ventilation  
Avoid contact with the eyes and skin.
- **Measures for environmental protection:**  
Do not allow to enter drainage system, surface or ground water.
- **Measures for cleaning/collecting:**  
Ensure adequate ventilation.  
Collect mechanically.  
Dispose of contaminated material as waste according to item 13.
- **Additional information:** See Section 7 for information on safe handling

### 7 Handling and storage

- **Handling**
- **Information for safe handling:**  
The precautionary measures usual while handling chemicals are to be considered.
- **Information about protection against explosions and fires:** Protect from heat.
- **Storage**
- **Requirements to be met by storerooms and containers:** Store only in the original container.
- **Information about storage in one common storage facility:**  
Store away from foodstuffs.  
Store away from flammable substances.
- **Further information about storage conditions:**  
Store in cool, dry conditions in well sealed containers.  
Protect from frost.  
Room temperature

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### 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components 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 that were valid during the compilation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures**  
The usual precautionary measures should be adhered to general rules for handling chemicals.  
Keep away from foodstuffs, beverages and food.  
Wash hands during breaks and at the end of the work.  
Avoid contact with the eyes and skin.
- **Breathing equipment:** Not necessary if room is well-ventilated.
- **Protection of hands:**  
With appropriate application not necessarily, however to carry protective gloves does recommend.  
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 product/ 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.
- **Eye protection:** Tightly sealed safety glasses.

### 9 Physical and chemical properties:

· **General Information**

<b>Form:</b>	Solid.
<b>Colour:</b>	White
<b>Odour:</b>	Odourless

· **Change in condition**

**Melting point/Melting range:** Not determined  
**Boiling point/Boiling range:** Not determined

· **Flash point:** > 100°C

· **Ignition temperature:** 420°C

· **Self-inflammability:** Product is not self igniting.

· **Danger of explosion:** Product is not explosive.

· **Density** Not determined

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- |  |             |
|--|-------------|
| · <b>Solubility in / Miscibility with Water at 20°C:</b> | ca. 100 g/l |
| · <b>Solvent content:</b><br><b>Organic solvents:</b>    | 0.0 %       |
| · <b>Solids content:</b>                                 | 100.0 %     |

### 10 Stability and reactivity

- **Thermal decomposition/ Conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **Dangerous reactions** No dangerous reactions with intended storage and use.
- **Dangerous products of decomposition:** none

### 11 Toxicological information

- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:** no data available.
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Strong irritant with the danger of severe eye injury.
- **Sensitisation:** No sensitising effect known.
- **Additional toxicological information:**  
The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:  
Harmful

### 12 Ecological information:

- **General notes:**  
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 bodies or sewage system.

### 13 Disposal considerations

- **Product:**
- **Recommendation**  
Hand over to disposers of hazardous waste.  
Disposal must be made according to official regulations.

- |   |
|---|
| · <b>European waste catalogue</b>                     |
| 20 01 29   detergents containing dangerous substances |

- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

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· **Recommended cleaning agent:** Water, if necessary with cleaning agent.

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**14 Transport information**

- Land transport ADR/RID (cross-border)
- ADR/RID-GGVS/E Class: -
- Maritime transport IMDG:
- IMDG Class: -
- Marine pollutant: No
- Air transport ICAO-TI and IATA-DGR:
- ICAO/IATA Class: -

**15 Regulatory information**

- **Designation according to EC guidelines:**  
The product has been classified and labelled in accordance with EC Directives and the Ordinance on Hazardous Materials (GefStoffV).
- **Code letter and hazard designation of product:**



Xn Harmful

- **Risk phrases:**  
22 Harmful if swallowed.  
37/38 Irritating to respiratory system and skin.  
41 Risk of serious damage to eyes.
- **Safety phrases:**  
2 Keep out of the reach of children.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
39 Wear eye/face protection.  
45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
60 This material and its container must be disposed of as hazardous waste.
- **National regulations**
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

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**16 Other information:**

Information is based on our current knowledge but does not establish a promise of product characteristics and does not substantiate any contractual legal relationship. Drawing of back-up data file for:

MSDS - Service - Center gmbH.  
Materiel-Safety-Data-Sheet  
Alemannenstrasse 49  
6830 Rankweil  
AUSTRIA

Tel.: +43-(0)5522-60067  
Fax.: +43-(0)5522-41031  
E-Mail: office@msds.at  
www.msds.at

· **Relevant R-phrases**

- 20/22 Harmful by inhalation and if swallowed.
- 22 Harmful if swallowed.
- 36/37/38 Irritating to eyes, respiratory system and skin.
- 37/38 Irritating to respiratory system and skin.
- 41 Risk of serious damage to eyes.
- 8 Contact with combustible material may cause fire.

· **Contact:** Herr Hermann Fehr