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**Identification of the substance/preparation and of the company/undertaking**

- **Product details**
- **Trade name:** *Vaatwastablet Winner 7 in 1*
- **Application of the substance / the preparation** *Dishwashing detergent*
- **Manufacturer/Supplier:**  
*Exclusiva bv*  
*Schaafstraat 17-21*  
*1021 KD Amsterdam*  
*Nederland*  
*Tel.: +31(0)20 - 435 77 77*  
*FAX: +31(0)20 - 435 77 97*  
*E-Mail: info@exclusiva.nl*  
*Internet: http://www.exclusiva.nl*
- **Further information obtainable from:**
- **Information in case of emergency:** *+31(0)20 - 435 77 77*

**2 Hazards identification**

- **Hazard description:**

*Xi Irritant*

- **Information concerning particular hazards for human 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 and is extended by company and literature data.*  
*R 41 Risk of serious damage to eyes.*
- **Classification system:**  
*The classification is according to the latest editions of the EU-lists, and extended by company and literature data.*
- **GHS label elements**

**Danger***H318 - Causes serious eye damage.**EUH070 - Toxic by eye contact.*

- **Prevention:**  
*P280 Wear protective gloves/protective clothing/eye protection/face protection.*  
*P280 Wear eye/face protection.*
- **Response:**  
*P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*  
*P310 Immediately call a POISON CENTER or doctor/physician.*

**3 Composition/information on ingredients**

- **Chemical characterization:**
- **Identification number(s)**
- **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

SODIUM CARBONATE	15 - 30%
oxygen-based bleaching agents	5 - 15%

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enzymes

&lt; 5%

**Chemical characterization**
**Description:** Mixture of substances listed below with nonhazardous additions.

**Dangerous components:**

CAS: 497-19-8 EINECS: 207-838-8	sodium carbonate Xi; R 36 Warning: 3.3/2	10-25%
CAS: 15630-89-4 EINECS: 239-707-6	disodium carbonate, compound with hydrogenperoxide (2:3) Xn, Xi, O; R 8-22-41 Danger: 2.13/2; 3.3/1 Warning: 3.1.O/4	10-25%
CAS: 1344-09-8 EINECS: 215-687-4	Silicic acid, sodium salt Xi; R 36/37/38 Warning: 3.2/2, 3.3/2, 3.8/3	2.5-10%
CAS: 7446-19-7 EINECS: 231-793-3	zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate) Xn, Xi, N; R 22-41-50/53 Danger: 3.3/1 Warning: 4.1.C/1; 3.1.O/4	≤ 2.5%
CAS: 95-16-9 EINECS: 202-396-2	benzothiazole T; R 25 Warning: 3.1.O/4	≤ 2.5%

**Regulation (EC) No 648/2004 on detergents / Labelling for contents**

phosphates	> 30 %
perborates	5-15 %
phosphonates, polycarbonates, non-ionic surfactants	< 5%

contains: enzymes, fragrances

**Additional information:**

Contains Subtilisin / Alpha-Amylase. May produce an allergic reaction.

Contains no allergic flavours with a single concentration &gt; 0,01 %.

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

### 4 First-aid measures

**After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

**After skin contact:** Immediately wash with water and soap and rinse thoroughly.

**After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

**After swallowing:**

Rinse out mouth and then drink plenty of water.

If symptoms persist consult doctor.

### 5 Fire-fighting measures

**Suitable extinguishing agents:**
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
**Protective equipment:** No special measures required.

**Additional information**

Collect contaminated fire fighting water separately. It must not enter the sewage system.

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## 6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:**  
Keep contaminated extinguish water and dispose of appropriately.  
Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**  
Dilute with plenty water.  
Send for recovery or disposal in suitable receptacles.
- **Additional information:**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## 7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:**  
Store in cool, dry conditions in well sealed receptacles.  
Protect from heat and direct sunlight.
- **Specific applications**  
Cleaning material/ Detergent  
Dishwashing detergent

## 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **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.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.  
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.  
Do not eat or drink while working.
- **Respiratory protection:** Not required.
- **Protection of hands:**



Protective gloves

Protective gloves are necessary with industrial production and/or application. Household can be done without gloves, by careful handling and avoidance of direct contact with the Tab.

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The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- **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:**



Goggles recommended during refilling

- **Limitation and supervision of exposure into the environment**

Please consider the instructions on the label depending on handling and application of this product. Use the personal preventive measures specified above in all other cases.

## 9 Physical and chemical properties

- **General Information**

<b>Form:</b>	Solid Tab in water soluble foil
<b>Colour:</b>	In three layers: white/yellow/blue-white
<b>Odour:</b>	light citrus scent

- **Change in condition**

**Melting point/Melting range:** Undetermined.

**Boiling point/Boiling range:** Undetermined.

- **Flash point:** Not applicable.

- **Self-igniting:** Product is not selfigniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Density:** Not determined.

- **Solubility in / Miscibility with water:** Soluble.

- **pH-value at 20°C:** 10.4

- **Solvent content:**

- **Organic solvents:** 0.0 %

- **Solids content:** 99.6 %

## 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

- **Dangerous reactions** No dangerous reactions known.

- **Dangerous decomposition products:** No dangerous decomposition products known.

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### 11 Toxicological information

· **Acute toxicity:**

· **LD/LC50 values relevant for classification:**

7446-19-7 zinc sulphate (hydrous) (mono-, hexa-and hepta hydrate)

Oral	LD50	2150 mg/kg (rat)
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· **Primary irritant effect:**

· **on the skin:** No irritant effect.

· **on the eye:** Strong irritant with the danger of severe eye injury.

· **Sensitization:** No sensitizing effects known.

· **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

### 12 Ecological information

· **Ecotoxicological effects:**

· **Remark:** Harmful to fish

· **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 course or sewage system.

Harmful to aquatic organisms

### 13 Disposal considerations

· **Product:**

· **Recommendation**

Dispose of bigger amounts in accordance with Local Authority requirements.

Smaller quantities can be disposed of with household waste.

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

· **Land transport ADR/RID (cross-border)**

· **ADR/RID class:** -

· **Maritime transport IMDG:**

· **IMDG Class:** -

· **Marine pollutant:** No

· **Air transport ICAO-TI and IATA-DGR:**

· **ICAO/IATA Class:** -

· **UN "Model Regulation":** -

· **Transport/Additional information:** Not dangerous for transport regulations.

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**15 Regulatory information****· Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals.

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

**· Code letter and hazard designation of product:**

*Xi Irritant*

**· Risk phrases:**

*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.*

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

*56 Dispose of this material and its container to hazardous or special waste collection point.*

**· Special labelling of certain preparations:**

*Contains Subtilisin, Amylase, alpha-. May produce an allergic reaction.*

*Contains fragrances.*

**· National regulations:**

**· Breakdown regulations:** *Not listed.*

**· Technical instructions (air):**

Class	Share in %
<i>I</i>	<i>0.1</i>

**· Waterhazard class:** *Water hazard class 1 (Self-assessment): slightly hazardous for water.*

**16 Other information**

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

**· Relevant R-phrases**

*Wording of R-phrases under section 3*

*22 Harmful if swallowed.*

*25 Toxic if swallowed.*

*36 Irritating to eyes.*

*36/37/38 Irritating to eyes, respiratory system and skin.*

*41 Risk of serious damage to eyes.*

*50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.*

*8 Contact with combustible material may cause fire.*

**· Training hints** *Use the data in this MSDS.*

**· Department issuing MSDS:**

*GOR GmbH*

*Hauptstrasse 58*

*67297 Marnheim*

*GERMANY*

**· Contact:**

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*Tel.: +49(0)6352-7500-0*

*E-mail: info@gor-gmbh.de*

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**· 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)*

*RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)*

*IMDG: International Maritime Code for Dangerous Goods*

*IATA: International Air Transport Association*

*IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)*

*ICAO: International Civil Aviation Organization*

*ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)*

*GHS: Globally Harmonized System of Classification and Labelling of Chemicals*

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

**· \* Data compared to the previous version altered.**

*With the appearance of this MSDS all preceding versions for this product/this material become invalid.*

*Changes in the respective chapters in relation to the preceding version are marked at the left side edge by \*.*

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