



# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 15.04.2010

Version-No: 1

Revision: 13.04.2010

## 1 Identification of the substance/preparation and of the company/undertaking

### · Product details

· Trade name: CUPZ

· Application of the substance / the preparation: Labware Auto-Detergent

### · Manufacturer/Supplier:

Urnex Brands, Inc.

700 Executive blvd

Elmsford, NY 10523 USA

Phone: +1-914-963-2042

Fax: +1-914-963-2145

Urnex Brands, Inc.

29 Harley Street, London, W1G 9QR

United Kingdom

Tel: +44 (0)20 7927 6881

### · Information in case of emergency:

Tel.: 800-424-9300 (USA)

Tel.: 001-703-527-3887 (INTERNATIONAL COLLECT ACCEPTED)

## 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.

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.

## 3 Composition/information on ingredients

### · Chemical characterization

#### · Dangerous components:

CAS: 15630-89-4 EINECS: 239-707-6	disodium carbonate, compound with hydrogenperoxide (2:3) ☒ Xn, ☒ Xi, ☒ O; R 8-22-41	< 20%
CAS: 497-19-8 EINECS: 207-838-8 Index number: 011-005-00-2	sodium carbonate ☒ Xi; R 36	< 50%

· Additional information: For the wording of the listed risk phrases refer to section 16.

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### 4 First aid measures

- **General information:**

Take affected persons out of danger area and lay down.

Immediately remove any clothing soiled by the product.

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.

- **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.

Seek immediate medical advice.

### 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.

Use fire extinguishing methods suitable to surrounding conditions.

- **For safety reasons unsuitable extinguishing agents:** Water with full jet

- **Special hazards caused by the substance, its products of combustion or resulting gases:**

Carbon monoxide (CO)

Under certain fire conditions, traces of other toxic gases cannot be excluded.

- **Protective equipment:** Wear self-contained respiratory protective device.

- **Additional information**

Cool endangered receptacles with water spray.

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

### 6 Accidental release measures

- **Person-related safety precautions:**

Wear protective clothing.

Ensure adequate ventilation

Avoid formation of dust.

- **Measures for environmental protection:** Dilute with plenty of water.

- **Measures for cleaning/collecting:**

Pick up mechanically.

Ensure adequate ventilation.

Dispose of the material collected according to regulations.

### 7 Handling and storage

- **Handling:**

- **Information for safe handling:**

Ensure good ventilation/exhaustion at the workplace.

Any unavoidable deposit of dust must be regularly removed.

- **Information about fire and explosion protection:** Keep respiratory protective device available.

- **Storage:**

- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.

- **Information about storage in one common storage facility:** Store away from oxidizing agents.

- **Further information about storage conditions:**

Keep container tightly sealed.

Store under lock and key and out of the reach of children.

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Protect from humidity and water.

### 8 Exposure controls/personal protection

**· 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.

**· Personal protective equipment:****· General protective and hygienic measures:**

Do not inhale dust / smoke / mist.

Immediately remove all soiled and contaminated clothing

Avoid contact with the eyes and skin.

The usual precautionary measures are to be adhered to when handling chemicals.

**· Respiratory protection:** Not necessary if room is well-ventilated.**· Protection of hands:**

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

**· Material of gloves**

Natural rubber, NR

Nitrile rubber, NBR

**· 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:** Safety glasses**· Body protection:** Protective work clothing

### 9 Physical and chemical properties

**· General Information**

<b>Form:</b>	Solid/Powder
<b>Colour:</b>	White
<b>Odour:</b>	Characteristic

**· Change in condition**

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

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

**· Flash point:** Undetermined.**· Flammability (solid, gaseous):** Product is not flammable.**· 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 (10 g/l) at 20°C:** 10-10.5**· Solvent content:**

**Organic solvents:** 0.0 %

**Solids content:** 100.0 %

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### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Materials to be avoided:**
  - Strong oxidizing agents
  - Reducing agent
- **Dangerous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Acute toxicity:**

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

**15630-89-4 disodium carbonate, compound with hydrogenperoxide (2:3)**

Oral LD50 1034 mg/kg (Rat)

**497-19-8 sodium carbonate**

Oral LD50 4090 mg/kg (Rat)

- **Primary irritant effect:**
  - **on the skin:** Irritant to skin and mucous membranes.
  - **on the eye:** Strong irritant with the danger of severe eye injury.
- **Sensitization:** No sensitizing effects known.

### 12 Ecological information

- **Information about elimination (persistence and degradability):**
  - Anorganic product, is not removable from water by biological cleaning process
- **Additional ecological information:**
- **General notes:**
  - Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### 13 Disposal considerations

- **Product:**
- **Recommendation** 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:** Not classified
- **Maritime transport IMDG:**
- **IMDG Class:** Not classified
- **Marine pollutant:** No

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- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** Not classified

### 15 Regulatory information

- **Labelling according to EU guidelines:**  
*The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.*  
*Observe the general safety regulations when handling chemicals.*
- **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.*  
*22 Do not breathe dust.*  
*25 Avoid contact with eyes.*  
*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.*

### 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**  
*22 Harmful if swallowed.*  
*36 Irritating to eyes.*  
*41 Risk of serious damage to eyes.*  
*8 Contact with combustible material may cause fire.*