



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:** Tabz TEA Clean - Tea Equipment Cleaning Tablets
- **Application of the substance / the preparation:** Tea equipment cleaning tablets
- **Manufacturer/Supplier:**

Urnex Brands, Inc.	Urnex Brands, Inc.
170 Ludlow Street	29 Harley Street, London, W1G 9QR
Yonkers, NY 10705 USA	United Kingdom
Phone: +1-914-963-2042	Tel: +44 (0)20 7927 6881
Fax: +1-914-963-2145	
- **Further information obtainable from:**
 Chemservice GmbH
 Von-Steuben-Straße 13
 D-67549 Worms, Germany
 Tel.: +49 6241-95480-0
 Fax: +49 6241-95480-25
 Email: info@chemservice-group.com
- **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 38 Irritating to skin.
 R 41 Risk of serious damage to eyes.
 R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **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: 497-19-8 EINECS: 207-838-8 Index number: 011-005-00-2	sodium carbonate Xi; R 36	< 45%
CAS: 15630-89-4 EINECS: 239-707-6	disodium carbonate, compound with hydrogenperoxide (2:3) Xn, Xi, O; R 8-22-41	< 15%
CAS: 6834-92-0 EINECS: 229-912-9 Index number: 014-010-00-8	disodium metasilicate C, Xi; R 34-37	< 10%

(Contd. on page 2)

GB



Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 15.04.2010

Version-No: 1

Revision: 13.04.2010

Trade name: Tabz TEA Clean - Tea Equipment Cleaning Tablets

(Contd. of page 1)

CAS: 51580-86-0

EINECS: 220-767-7

Index number: 613-030-01-7

troclosene sodium, dihydrate

☒ Xn, ☒ Xi, ☒ N; R 22-31-36/37-50/53

< 1%

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

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.

If skin irritation continues, consult a doctor.

• **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:**

CO₂, 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:**

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

Carbon monoxide (CO)

• **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.

Prevent seepage into sewage system, workpits and cellars.

• **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.

(Contd. on page 3)



Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 15.04.2010

Version-No: 1

Revision: 13.04.2010

Trade name: Tabz TEA Clean - Tea Equipment Cleaning Tablets

(Contd. of page 2)

- 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 reducing agents.
 - 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.
 - Protect from humidity and water.

8 Exposure controls/personal protection

- Ingredients with limit values that require monitoring at the workplace:**

51580-86-0 troclocene sodium, dihydrate (< 1%)

WEL Short-term value: 0.07 mg/m³Long-term value: 0.02 mg/m³

Sen; as -NCO

- 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:**
 - Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- 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**

Form:	Solid
Colour:	White
Odour:	Characteristic

- Change in condition**
 - Melting point/Melting range:** Undetermined.
 - Boiling point/Boiling range:** Undetermined.

- Flash point:** Undetermined.

- Flammability (solid, gaseous):** Product is not flammable.

(Contd. on page 4)



Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 15.04.2010

Version-No: 1

Revision: 13.04.2010

Trade name: Tabz TEA Clean - Tea Equipment Cleaning Tablets

(Contd. of page 3)

· 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:	12.7

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **Materials to be avoided:** Strong oxidizing agents
- **Dangerous reactions**
Reacts with reducing agents.
Reacts with strong acids and oxidizing agents.
- **Dangerous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**

· LD/LC50 values relevant for classification:		
497-19-8 sodium carbonate		
Oral	LD50	4090 mg/kg (Rat)
15630-89-4 disodium carbonate, compound with hydrogenperoxide (2:3)		
Oral	LD50	1034 mg/kg (Rat)
6834-92-0 disodium metasilicate		
Oral	LD50	1153 mg/kg (Rat)
51580-86-0 troclosene sodium, dihydrate		
Oral	LD50	1400 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.
- **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

- **Information about elimination (persistence and degradability):**
Anorganic product, is not removable from water by biological cleaning process
- **Ecotoxicological effects:**
- **Remark:** Harmful to fish

(Contd. on page 5)



Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 15.04.2010

Version-No: 1

Revision: 13.04.2010

Trade name: *Tabz TEA Clean - Tea Equipment Cleaning Tablets*

(Contd. of page 4)

- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Must not reach sewage water or drainage ditch undiluted or unneutralized.
Harmful to aquatic organisms

13 Disposal considerations

- **Product:**
- **Recommendation** *Must be specially treated adhering to official regulations.*
- **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*
- **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:**
38 Irritating to skin.
41 Risk of serious damage to eyes.
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Safety phrases:**
2 Keep out of the reach of children.
22 Do not breathe dust.
24/25 Avoid contact with skin and eyes.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
39 Wear eye/face protection.
61 Avoid release to the environment. Refer to special instructions/safety data sheets.

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.

(Contd. on page 6)



Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 15.04.2010

Version-No: 1

Revision: 13.04.2010

Trade name: *Tabz TEA Clean - Tea Equipment Cleaning Tablets*

(Contd. of page 5)

· **Relevant R-phrases**

- 22 Harmful if swallowed.
- 31 Contact with acids liberates toxic gas.
- 34 Causes burns.
- 36 Irritating to eyes.
- 36/37 Irritating to eyes and respiratory system.
- 37 Irritating to respiratory system.
- 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.

· **Department issuing SDS:**

Chemservice GmbH

Von-Steuben-Str. 13

D-67549 Worms

Tel.: +49 (0)6241-95480-0; Fax: +49 (0)6241-95480-25; Email: info@chemservice-group.com

· **Contact:** info@chemservice-group.com

GB