



# Tabz Coffee Equipment Cleaning Tablets

## Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

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### SECTION 1: Identification

#### 1.1. Identification

Product name : Tabz Coffee Equipment Cleaning Tablets

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use : Cleaner

#### 1.3. Details of the supplier of the safety data sheet

##### Manufacturer

Urnex Brands, LLC  
700 Executive Blvd.  
Elmsford, NY 10523 USA  
T +1-914-963-2042  
F +1-914-963-2145  
[info@urnex.com](mailto:info@urnex.com)

##### Distributor

#### 1.4. Emergency telephone number

Emergency number : Internationale (Infotrac): +1 (352) 323-3500  
US (CHEMTREC): 800-424-9300

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

##### GHS classification

Skin Irrit. 2  
Eye Irrit. 2A

#### 2.2. Label elements

##### GHS labelling

Hazard pictograms (GHS) :



GHS07

Signal word (GHS) :

Warning

Hazard statements (GHS) :

Causes skin irritation. Causes serious eye irritation.

Precautionary statements (GHS) :

Wash hands thoroughly after handling. Wear eye protection, protective gloves. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity

Not applicable

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%
Disodium carbonate	(CAS-No.) 497-19-8	30 - 60
Sodium percarbonate	(CAS-No.) 15630-89-4	7 - 13
Sodium metasilicate	(CAS-No.) 6834-92-0	5 - 10
Tetrasodium pyrophosphate	(CAS-No.) 7722-88-5	0.1 - 1.5

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- |                                       |  |
|---------------------------------------|--|
| First-aid measures after inhalation   | : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.                           |
| First-aid measures after skin contact | : IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. Obtain medical attention if irritation persists.   |
| First-aid measures after eye contact  | : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion    | : Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.                                     |

#### 4.2. Most important symptoms and effects, both acute and delayed

- |                                     |   |
|-------------------------------------|---|
| Symptoms/effects after inhalation   | : May cause irritation to the respiratory tract.  |
| Symptoms/effects after skin contact | : Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.   |
| Symptoms/effects after eye contact  | : Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. |
| Symptoms/effects after ingestion    | : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.  |

#### 4.3. Indication of any immediate medical attention and special treatment needed

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- |                                |   |
|--------------------------------|---|
| Suitable extinguishing media   | : carbon dioxide (CO <sub>2</sub> ). Powder. Water spray. For large fire: Alcohol resistant foam. |
| Unsuitable extinguishing media | : Do not use water jet.   |

#### 5.2. Special hazards arising from the substance or mixture

- |             |   |
|-------------|---|
| Fire hazard | : Products of combustion may include, and are not limited to: oxides of carbon. |
| Reactivity  | : No dangerous reactions known under normal conditions of use.                  |

#### 5.3. Advice for firefighters

- |                                |  |
|--------------------------------|--|
| Firefighting instructions      | : Use water spray to cool exposed surfaces.  |
| Protection during firefighting | : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). |

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- |                  |  |
|------------------|--|
| General measures | : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. |
|------------------|--|

##### 6.1.1. For non-emergency personnel

No additional information available

##### 6.1.2. For emergency responders

No additional information available

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

#### 6.3. Methods and material for containment and cleaning up

- |                         |   |
|-------------------------|---|
| For containment         | : Shovel or sweep up and put in a closed container for disposal. Do not flush into surface water or sewer system. Wear recommended personal protective equipment. |
| Methods for cleaning up | : Vacuum or sweep material and place in a disposal container. Avoid dust formation.   |

#### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Avoid contact with skin and eyes. Do not swallow. Avoid breathing dust, mist or spray. Handle and open container with care. Avoid generating dust. Good housekeeping is important to prevent accumulation of dust. When using do not eat, drink or smoke.
- Hygiene measures : Wash contaminated clothing before reuse. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in a dry, cool and well-ventilated place. Keep out of the reach of children.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

<b>Disodium carbonate (497-19-8)</b>		
Not applicable		
<b>Sodium percarbonate (15630-89-4)</b>		
Not applicable		
<b>Sodium metasilicate (6834-92-0)</b>		
Not applicable		
<b>Tetrasodium pyrophosphate (7722-88-5)</b>		
NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>

#### 8.2. Exposure controls

- Appropriate engineering controls : Ensure good ventilation of the work station.
- Hand protection : Wear suitable gloves.
- Eye protection : Wear eye/face protection.
- Skin and body protection : Wear suitable protective clothing.
- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
- Environmental exposure controls : Avoid release to the environment.
- Other information : Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

- Physical state : Solid
- Appearance : Granules
- Colour : Light blue
- Odour : None
- Odour threshold : No data available
- pH : 11 - 11.5 (10% Solution); Alkali Reserve = 1.6
- Melting point : No data available
- Freezing point : No data available
- Boiling point : No data available
- Flash point : Not applicable
- Relative evaporation rate (butylacetate=1) : No data available
- Flammability (solid, gas) : No data available
- Vapour pressure : No data available
- Relative vapour density at 20 °C : No data available
- Relative density : 0.99
- Solubility : No data available
- Partition coefficient n-octanol/water : No data available
- Auto-ignition temperature : No data available
- Decomposition temperature : No data available

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Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Heat. Incompatible materials.

### 10.5. Incompatible materials

Strong oxidizing agents. Strong acids.

### 10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified.
Acute toxicity (dermal)	: Not classified.
Acute toxicity (inhalation)	: Not classified.

Disodium carbonate (497-19-8)	
LD50 oral rat	4090 mg/kg
LC50 inhalation rat	2300 mg/m <sup>3</sup> (Exposure time: 2 h)

  

Sodium percarbonate (15630-89-4)	
LD50 oral rat	1034 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

  

Sodium metasilicate (6834-92-0)	
LD50 oral rat	1153 mg/kg

  

Tetrasodium pyrophosphate (7722-88-5)	
LD50 oral rat	1000 - 3000 mg/kg

Skin corrosion/irritation	: Causes skin irritation. pH: 11 - 11.5 (10% Solution) Alkali Reserve = 1.6
Serious eye damage/irritation	: Causes serious eye irritation. pH: 11 - 11.5 (10% Solution) Alkali Reserve = 1.6
Respiratory or skin sensitisation	: Not classified.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Not classified.
Reproductive toxicity	: Not classified.
STOT-single exposure	: Not classified.
STOT-repeated exposure	: Not classified.
Aspiration hazard	: Not classified.
Symptoms/effects after inhalation	: May cause irritation to the respiratory tract.

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Symptoms/effects after skin contact	: Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Symptoms/effects after eye contact	: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/effects after ingestion	: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.

<b>Disodium carbonate (497-19-8)</b>	
LC50 fish 1	300 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 1	265 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	310 - 1220 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
<b>Sodium percarbonate (15630-89-4)</b>	
LC50 fish 1	70.7 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	4.9 mg/l (Exposure time: 48 h - Species: Daphnia pulex)
<b>Sodium metasilicate (6834-92-0)</b>	
LC50 fish 1	210 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])
LC50 fish 2	210 mg/l (Exposure time: 96 h - Species: Brachydanio rerio)

#### 12.2. Persistence and degradability

<b>Tabz Coffee Equipment Cleaning Tablets</b>	
Persistence and degradability	Not established.

#### 12.3. Bioaccumulative potential

<b>Tabz Coffee Equipment Cleaning Tablets</b>	
Bioaccumulative potential	Not established.
<b>Disodium carbonate (497-19-8)</b>	
BCF fish 1	(no bioaccumulation)
<b>Sodium percarbonate (15630-89-4)</b>	
BCF fish 1	(no bioaccumulation)

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Other information : No other effects known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. The generation of waste should be avoided or minimized wherever possible.

### SECTION 14: Transport information

#### Department of Transportation (DOT) and Transportation of Dangerous Goods (TDG)

In accordance with DOT/TDG

Not regulated

### SECTION 15: Regulatory information

#### 15.1. Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

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### 15.2. International regulations

No additional information available

### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

## SECTION 16: Other information

Date of issue	:	04/05/2019
Revision date	:	04/05/2019
Other information	:	None.

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