

This safety data sheet was created pursuant to the requirements of:  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

**Issuing Date** 23-Aug-2023

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**Revision Number** 1

**Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

**Product code** E23383 / 30387  
**Product Name** Brewer Cleaning Tablets- for TopBrewer  
**CLP unique formula identifier (UFI)** FPXE-2FE0-810U-WKP0

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

**Recommended Use** Coffee/Espresso machine/equipment cleaner

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

**Supplier name** Cafetto  
**Supplier Address** 12 Coglin Street, Brompton SA 5007 Australia  
 Parkstraat 83 2514JG Den Haag, The Netherlands;  
 9 Raffles Place, #27-00 Republic Plaza, Singapore 048619  
**Supplier phone number** Australia: +61 8 8245 6901  
 New Zealand: 0800 772 227  
 USA: 206 462 5212  
 EU: +31 70 353 8142  
 Singapore: 800 616 3122  
**Supplier email** enquiry@cafetto.com

For further information, please contact.

**1.4. Emergency telephone number**

<b>Emergency telephone</b>	No information available
<b>Emergency telephone §45 - (EC)1272/2008</b>	
<b>Europe</b>	112
<b>Australia</b>	000
<b>UNITED STATES</b>	911
<b>United Kingdom</b>	999

## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

#### Regulation (EC) No 1272/2008

Serious eye damage/eye irritation

Category 1 - (H318)

### 2.2. Label elements



Signal word

Danger

#### Hazard Statements

H318 - Causes serious eye damage

#### Precautionary Statements - EU (§28, 1272/2008)

P101 - If medical advice is needed, have product container or label at hand

P102 - Keep out of reach of children

P264 - Wash face, hands and any exposed skin thoroughly after handling

P280 - Wear protective gloves/protective clothing/eye protection/face protection

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

### 2.3. Other hazards

No information available

## Section 3: Composition/information on ingredients

### 3.1 Substances

Not applicable.

### 3.2 Mixtures

Chemical name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH registration number
Sodium percarbonate	239-707-6	15630-89-4	10-30%	Ox. Sol. 2 (H272) Acute Tox. 4 (H302) Eye Dam. 1 (H318)	01-2119457268-30-0009
Sodium carbonate	207-838-8	497-19-8	10-30%	Eye Irrit. 2 (H319)	01-2119485498-19
Tartaric acid	201-766-0	87-69-4	10-30%	Eye Dam. 1 (H318)	No data available

**Full text of H- and EUH-phrases: see section 16**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

**Section 4: First aid measures****4.1. Description of first aid measures**

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	Remove to fresh air. Get medical attention immediately if symptoms occur.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. Do not rub affected area.
<b>Ingestion</b>	Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.
<b>Self-protection of the first aider</b>	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

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

<b>Symptoms</b>	Burning sensation.
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**4.3. Indication of any immediate medical attention and special treatment needed**

<b>Note to physicians</b>	Treat symptomatically.
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**Section 5: FIRE FIGHTING MEASURES****5.1. Extinguishing media**

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Large Fire** CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

**5.2. Special hazards arising from the substance or mixture****Specific hazards arising from the chemical**

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

**Hazardous Combustion Products**

Carbon oxides.

### **5.3. Advice for firefighters**

#### **Special protective equipment for fire-fighters**

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## **Section 6: ACCIDENTAL RELEASE MEASURES**

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

**Personal precautions** Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required.

**Other Information** Refer to protective measures listed in Sections 7 and 8.

**For emergency responders** Use personal protection recommended in Section 8.

### **6.2. Environmental precautions**

**Environmental precautions** Prevent further leakage or spillage if safe to do so.

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

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal.

### **6.4. Reference to other sections**

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## **Section 7: Handling and storage**

### **7.1. Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

**General Hygiene Considerations** Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes or clothing.

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

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

### **7.3. Specific end use(s)**

**Identified uses**

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure Limits

Chemical name	European Union	United Kingdom	France	Spain	Germany
Tartaric acid 87-69-4	-	-	-	-	TWA: 2 mg/m <sup>3</sup>
Chemical name	Austria	Switzerland	Poland	Norway	Ireland
Tartaric acid 87-69-4	-	STEL: 4 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup>	-	-	-

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available

### 8.2. Exposure controls

#### Personal protective equipment

<b>Eye/face protection</b>	If splashes are likely to occur, wear safety glasses with side-shields.
<b>Hand Protection</b>	Wear suitable gloves. Impervious gloves.
<b>Skin and body protection</b>	Wear suitable protective clothing. Long sleeved clothing.
<b>Respiratory protection</b>	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Environmental exposure controls** No information available.

**General Hygiene Considerations** Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes or clothing.

## Section 9: Physical and chemical properties

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

<b>Physical state</b>	Solid
<b>Appearance</b>	White
<b>Odor</b>	Characteristic
<b>Color</b>	No information available
<b>Odor Threshold</b>	Not applicable

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
<b>pH</b>	9.4 at 1%w/w	None known	
<b>Melting / freezing point</b>	No data available	None known	
<b>Boiling point / boiling range</b>	No data available	None known	
<b>Flash Point</b>	No data available	None known	

<b>Evaporation Rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limit in Air</b>		None known
<b>Upper flammability limit</b>	No data available	
<b>Lower flammability limit</b>	No data available	
<b>Vapor pressure</b>	No data available	None known
<b>Vapor density</b>	No data available	None known
<b>Relative density</b>	No data available	None known
<b>Water Solubility</b>	Soluble in water	
<b>Solubility(ies)</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	Not applicable	
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known
<b>Explosive properties</b>	No data available	
<b>Oxidizing properties</b>	No data available	

### 9.2. Other information

<b>Softening Point</b>	No information available
<b>Molecular Weight</b>	No information available
<b>VOC Content (%)</b>	No information available
<b>Liquid Density</b>	No information available
<b>Bulk Density</b>	No information available
<b>Particle Size</b>	No information available
<b>Particle Size Distribution</b>	No information available

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Remarks** No data available.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Possibility of Hazardous Reactions** None under normal processing.

**Hazardous Polymerization** Hazardous polymerization does not occur.

### 10.4. Conditions to avoid

None known.

#### Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

**10.5. Incompatible materials**

Strong acids, Strong bases, Strong oxidizing agents.

**10.6. Hazardous decomposition products**

Carbon oxides.

**11.1. Information on toxicological effects**

**Information on likely routes of exposure**

**Product Information**

<b>Inhalation</b>	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). Irritating to eyes.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Harmful if swallowed. (based on components).

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** Redness. May cause redness and tearing of the eyes.

**Numerical measures of toxicity**

**Acute toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

<b>ATEmix (oral)</b>	3458.00 mg/kg
<b>ATEmix (inhalation-dust/mist)</b>	5.27 mg/L

**Unknown acute toxicity**

- 35.3651 % of the mixture consists of ingredient(s) of unknown toxicity
- 35.3651 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 35.3651 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 35.3651 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 35.3651 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 35.3651 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium percarbonate	= 1034 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-

Sodium carbonate	= 4090 mg/kg ( Rat )	-	= 2300 mg/m <sup>3</sup> ( Rat ) 2 h
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**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	Classification based on data available for ingredients. Irritating to skin.
<b>Serious eye damage/eye irritation</b>	Classification based on data available for ingredients. Causes serious eye irritation.
<b>Respiratory or skin sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive Toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

**11.2 Information on other hazards**

**11.2.1 Endocrine disruptive properties**

**Endocrine disruptive properties** No information available

**11.2.2. Other information**

**Other adverse effects** No information available

**12.1. Toxicity**

**Ecotoxicity** Harmful to aquatic life.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium percarbonate	240h EC50: = 70 mg/L (Chlorella emersonii)	96h LC50: = 70.7 mg/L (Pimephales promelas)	No data available	48h EC50: = 4.9 mg/L
Sodium carbonate	120h EC50: = 242 mg/L (Nitzschia)	96h LC50: = 300 mg/L (Lepomis macrochirus) 96h LC50: 310 - 1220 mg/L (Pimephales promelas)	No data available	48h EC50: = 265 mg/L
Tartaric acid	No data available	96h LC50: > 100 mg/L (Danio rerio)	No data available	No data available



**12.2. Persistence and degradability**

**Persistence and Degradability** No information available.

**12.3. Bioaccumulative potential**

**Bioaccumulation** No information available.

**12.4. Mobility in soil**

**Mobility in soil** No information available.

**12.5. Results of PBT and vPvB assessment**

**PBT and vPvB assessment** No information available.

Chemical name	PBT and vPvB assessment
Sodium percarbonate	The substance is not PBT / vPvB PBT assessment does not apply
Sodium carbonate	The substance is not PBT / vPvB PBT assessment does not apply
Tartaric acid	The substance is not PBT / vPvB

**12.6. Endocrine disrupting properties**

**Endocrine disrupting properties** No additional information

**12.7. Other adverse effects**

No information available.

## Section 13: Disposal considerations

**13.1. Waste treatment methods**

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** No information available.

## Section 14: Transport information

**IMDG/IMO** Not applicable

**14.1 UN number or ID number** Not applicable

**14.2 UN proper shipping name** Not applicable

**14.3 Transport hazard class(es)** Not applicable

**14.4 Packing group** Not applicable

**14.5 Marine pollutant** Not applicable

**14.6 Special precautions for user** None

**14.7 Maritime transport in bulk** No information available

## according to IMO instruments

<b>RID</b>		Not applicable
<b>14.1 UN number or ID number</b>		Not applicable
<b>14.2 UN proper shipping name</b>		Not applicable
<b>14.3 Transport hazard class(es)</b>		Not applicable
<b>14.4 Packing group</b>		Not applicable
<b>14.5 Environmental hazards</b>		Not applicable
<b>14.6 Special precautions for user</b>		None

<b>ADR</b>		Not applicable
<b>14.1 UN number or ID number</b>		Not applicable
<b>14.2 UN proper shipping name</b>		Not applicable
<b>14.3 Transport hazard class(es)</b>		Not applicable
<b>14.4 Packing Group</b>		Not applicable
<b>14.5 Environmental hazards</b>		Not applicable
<b>14.6 Special precautions for user</b>		None

<b>IATA</b>		Not applicable
<b>14.1 UN number or ID number</b>		Not applicable
<b>14.2 UN proper shipping name</b>		NON REGULATED
<b>14.3 Transport hazard class(es)</b>		Not applicable
<b>14.4 Packing group</b>		Not applicable
<b>14.5 Environmental hazards</b>		Not applicable
<b>14.6 Special precautions for user</b>		None

## Section 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work .

#### **Authorizations and/or restrictions on use:**

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV). This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

#### **Persistent Organic Pollutants**

Not applicable.

#### **Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable.

**15.2. Chemical safety assessment**

No information available.

**Additional Regulatory Information:**

In accordance with European Regulation (EC) No 648/2004, this product contains: Anionic Surfactants 1-10%, This SDS complies with legislative requirements in Australia, including Safe Work Australia guidelines, Australian Dangerous Goods Code and the criteria for the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals

**Section 16: Other information****Key or legend to abbreviations and acronyms used in the safety data sheet****Full text of H-Statements referred to under section 3**

H272 - May intensify fire; oxidizer  
 H302 - Harmful if swallowed  
 H315 - Causes skin irritation  
 H318 - Causes serious eye damage  
 H319 - Causes serious eye irritation  
 H335 - May cause respiratory irritation

**Legend**

SVHC: Substances of Very High Concern for Authorization:

**Section 8: Exposure controls and personal protection**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	-	Skin designation

**Classification procedure****Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
 U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 EPA (Environmental Protection Agency)  
 Acute Exposure Guideline Level(s) (AEGL(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
 Food Research Journal  
 Hazardous Substance Database  
 International Uniform Chemical Information Database (IUCLID)  
 Japan GHS Classification  
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
 NIOSH (National Institute for Occupational Safety and Health)  
 National Library of Medicine's ChemID Plus (NLM CIP)  
 National Library of Medicine's PubMed database (NLM PUBMED)  
 National Toxicology Program (NTP)  
 New Zealand's Chemical Classification and Information Database (CCID)  
 Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Organization for Economic Co-operation and Development Screening Information Data Set  
 RTECS (Registry of Toxic Effects of Chemical Substances)  
 World Health Organization

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This safety data sheet complies with the requirements of: Regulation (EC) No. 1907/2006.

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet