



# SAFETY DATA SHEET

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

Issuing Date 16-Jul-2019

Revision date 17-Feb-2020

Revision number 3

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product Identifier

Product code E23217 - PBV000484

Product name E29 Tablet

### 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 Coglein 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: +44 20 7193 7370  
Singapore: 800 616 3122

Supplier email enquiry@cafetto.com

For further information, please contact.

### 1.4. Emergency telephone number

Emergency Telephone No information available

#### Emergency Telephone §45 - (EC)1272/2008

Europe	112
Australia	000

UNITED STATES	911
United Kingdom	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)
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### 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

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

P302 + P352 - IF ON SKIN: Wash with plenty of water and soap

P332 + P313 - If skin irritation occurs: Get medical advice/attention

P362 - Take off contaminated clothing and wash before reuse

### 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 Reg. No
Sodium percarbonate	239-707-6	15630-89-4	10-30%	Ox. Sol. 2 (H272)	01-2119457268-



				Acute Tox. 4 (H302) Eye Dam. 1 (H318)	30-0009
Tartaric acid	201-766-0	87-69-4	10-30%	Eye Dam. 1 (H318)	no data available
Sodium Lauryl Sulfate	-	73296-89-6	1-10%	Skin Irrit. 2 (H315) 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>	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
<b>INHALATION</b>	Remove to fresh air. Get medical attention immediately if symptoms occur. IF exposed or concerned: Get medical advice/attention.
<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>	Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.
<b>INGESTION</b>	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. 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

<b>Suitable extinguishing media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Large fire</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Unsuitable Extinguishing Media</b>	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. Use personal protective equipment as required. Ensure adequate ventilation. Evacuate personnel to safe areas.

**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. Ensure adequate ventilation. Avoid breathing vapors or mists. In case of insufficient ventilation, wear suitable respiratory equipment.

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

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



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

### 7.3. Specific end use(s)

**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	Eu	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

- Eye/Face Protection** Tight sealing safety goggles.
- Hand protection** Wear suitable gloves. Impervious gloves.
- Skin and Body Protection** Wear suitable protective clothing. Long sleeved clothing.

**Environmental Exposure Controls** No information available.

## Section 9: Physical and chemical properties

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

**Physical State** solid  
**appearance** colorless  
**Odor** characteristic  
**color** No information available  
**odor threshold** Not Applicable

<u>Property</u>	<u>VALUES</u>	<u>Remarks Method</u>
pH	no data available	None known
Melting / Freezing Point	no data available	None known
Boiling Point / Boiling Range	no data available	None known

flash point	no data available	None known
evaporation rate	no data available	None known
flammability (solid, gas)	no data available	None known
Flammability limit in air		None known
Upper Flammability Limit	no data available	
Lower Flammability Limit	no data available	
vapor pressure	no data available	None known
Vapor Density	no data available	None known
Relative Density	no data available	None known
Water solubility	completely soluble	
solubility(ies)	no data available	None known
Partition coefficient: n-octanol/water	Not Applicable	
Autoignition Temperature	no data available	None known
decomposition temperature	no data available	None known
Kinematic Viscosity	no data available	None known
viscosity	no data available	None known

### 9.2. Other information

Softening point	No information available
molecular weight	No information available
VOC content (%)	No information available
Liquid Density	No information available
Bulk density	No information available
particle size	No information available
particle size distribution	No information available

## Section 10: Stability and reactivity

### 10.1. Reactivity

no data available.

### 10.2. Chemical stability

Stable under normal conditions.

#### Explosion data

Sensitivity to mechanical impact	None.
Sensitivity to static discharge	None.

### 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.

### 10.5. Incompatible materials

Strong acids, Strong bases, Strong oxidizing agents.



**10.6. Hazardous decomposition products**

Carbon oxides.

**Section 11: Toxicological information****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. Severely irritating to eyes. Causes serious eye damage. May cause burns. May cause irreversible damage to eyes. (based on components).
<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.

**Information on Toxicological Effects**

**Symptoms** Redness. Burning. MAY CAUSE BLINDNESS. May cause redness and tearing of the eyes.

**Numerical Measures of Toxicity****Acute toxicity****Unknown Acute Toxicity**

- 96.1735 % of the mixture consists of ingredient(s) of unknown toxicity
- 14.8 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 96.1735 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 96.1735 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 96.1735 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 96.1735 % 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 Lauryl Sulfate	= 1783 mg/kg ( Rat )	-	-

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin Corrosion/Irritation** Classification based on data available for ingredients. Irritating to skin.

**Serious eye damage/eye irritation** Classification based on data available for ingredients. Causes burns. Risk of serious damage to eyes.



<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>	May cause respiratory irritation.
<b>STOT - Repeated Exposure</b>	No information available.
<b>Aspiration Hazard</b>	No information available.

## Section 12: Ecological information

### 12.1. Toxicity

**ecotoxicity** Harmful to aquatic life. .

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Daphnia Magna (Water Flea)
Sodium percarbonate	240h EC50: = 70 mg/L (Chlorella emersonii)	96h LC50: = 70.7 mg/L (Pimephales promelas)	-	48h EC50: = 4.9 mg/L
Tartaric acid	-	96h LC50: > 100 mg/L (Danio rerio)	-	-
Sodium Lauryl Sulfate	96h EC50: = 42 mg/L (Desmodesmus subspicatus)	48h LC50: = 4.1 mg/L (Leuciscus idus)	-	24h EC50: = 21.2 mg/L

### 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
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Sodium percarbonate	The substance is not PBT / vPvB PBT assessment does not apply
Tartaric acid	The substance is not PBT / vPvB
Sodium Lauryl Sulfate	The substance is not PBT / vPvB

**12.6. Other adverse effects**

**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**

14.1 UN-No	NOT REGULATED
14.2 Proper shipping name	NOT REGULATED
14.3 Hazard class	NOT REGULATED
14.4 Packing group	NOT REGULATED
14.5 Marine pollutant	Not Applicable
14.6 Special provisions	None
14.7 Transport in Bulk	No information available

**According to Annex II of MARPOL and the IBC CODE**

**RID**

14.1 UN-No	NOT REGULATED
14.2 Proper shipping name	NOT REGULATED
14.3 Hazard class	NOT REGULATED
14.4 Packing group	NOT REGULATED
14.5 Environmental Hazard	Not Applicable
14.6 Special provisions	None

**ADR**

14.1 UN-No	NOT REGULATED
14.2 Proper shipping name	NOT REGULATED
14.3 Hazard class	NOT REGULATED
14.4 Packing group	NOT REGULATED
14.5 Environmental Hazard	Not Applicable
14.6 Special provisions	None

**IATA**

14.1 UN-No	NOT REGULATED
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14.2 Proper shipping name	NON REGULATED
14.3 Hazard class	NOT REGULATED
14.4 Packing group	NOT REGULATED
14.5 Environmental Hazard	Not Applicable
14.6 Special provisions	None

## Section 15: Regulatory information

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

#### National Regulations

##### Germany 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: Phosphates 15 - 30% Oxygen based bleaching agent 10-30% 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 sections 2 and 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/personal protection**

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

**Key literature references and sources for data**

[www.ChemADVISOR.com/](http://www.ChemADVISOR.com/)

Issuing Date 16-Jul-2019

Revision date 17-Feb-2020

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

**Disclaimer**

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End of Safety Data Sheet

