



# 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 20-Mar-2018

Revision number 1

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

### 1.1. Product Identifier

Product code E27839 PBV000409

Product name TEVO Mini

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

Recommended use Coffee/Esspresso 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: +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 2 - (H319)
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### 2.2. Label Elements



#### Signal Word

**WARNING**

#### hazard statements

H319 - Causes serious eye irritation

#### 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 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

P337 + P313 - If eye irritation persists: Get medical advice/attention

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

### 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 carbonate	207-838-8	497-19-8	30-60%	Eye Irrit. 2 (H319)	01-2119485498-19

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
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**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. If breathing has stopped, give artificial respiration. Get medical attention immediately.
<b>Skin Contact</b>	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.
<b>Eye Contact</b>	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. Get medical attention if irritation develops and persists.
<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). Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

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

<b>Symptoms</b>	Prolonged contact may cause redness and irritation.
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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.
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**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. 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** Should not be released into the environment. See section 12 for additional ecological information.

### 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. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid generation of dust. Ensure adequate ventilation.

**General hygiene considerations** Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray.

### 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)**

**Risk Management Methods (RMM)** Not Applicable.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limits**

**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** None required for consumer use. If there is a risk of contact: Wear safety glasses with side shields (or goggles).

**Hand protection** Wear suitable gloves.

**Skin and Body Protection** Wear suitable protective clothing.

**Environmental Exposure Controls** No information available.

**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>	white
<b>odor threshold</b>	Not Applicable

<u>Property</u>	<u>VALUES</u>	<u>Remarks</u> <u>Method</u>
pH	9.8 at 1% w/w	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

<b>Water solubility</b>	Soluble in water	None known
<b>solubility(ies)</b>	no data available	None known
<b>Partition coefficient: n-octanol/water</b>	Not applicable	None known
<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>viscosity</b>	no data available	None known

**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**

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**

<b>Possibility of hazardous reactions</b>	None under normal processing.
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<b>Hazardous polymerization</b>	Hazardous polymerization does not occur.
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**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. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.
<b>Skin Contact</b>	Specific test data for the substance or mixture is not available. Prolonged contact may cause redness and irritation.
<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** 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

**ATEmix (oral)** 4075 mg/kg mg/l

**Unknown Acute Toxicity**

- 20.52053 % of the mixture consists of ingredient(s) of unknown toxicity
- 20.52053 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 20.52053 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 20.52053 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 20.52053 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 20.52053 % 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 carbonate	= 4090 mg/kg ( Rat )	-	= 2300 mg/m <sup>3</sup> ( Rat ) 2 h
Sodium percarbonate	= 1034 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-

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

<b>Skin Corrosion/Irritation</b>	MAY CAUSE SKIN IRRITATION.
<b>Serious eye damage/eye irritation</b>	Classification based on data available for ingredients. Irritating 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.



**Reproductive toxicity** No information available.

**STOT - Single Exposure** No information available.

**STOT - Repeated Exposure** No information available.

**Aspiration Hazard** No information available.

## Section 12: Ecological information

### 12.1. Toxicity

#### ecotoxicity

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Daphnia Magna (Water Flea)
Sodium carbonate	120h EC50: = 242 mg/L (Nitzschia)	96h LC50: = 300 mg/L (Lepomis macrochirus) 96h LC50: 310 - 1220 mg/L (Pimephales promelas)	-	48h EC50: = 265 mg/L
Sodium percarbonate	240h EC50: = 70 mg/L (Chlorella emersonii)	96h LC50: = 70.7 mg/L (Pimephales promelas)	-	48h EC50: = 4.9 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
Sodium carbonate	The substance is not PBT / vPvB PBT assessment does not apply
Sodium percarbonate	The substance is not PBT / vPvB PBT assessment does not apply

### 12.6. Other adverse effects

**Other Adverse Effects** No information available.





## Section 13: Disposal considerations

### 13.1. Waste treatment methods

<b>Waste from Residues/Unused Products</b>	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
<b>Contaminated Packaging</b>	No information available.

## Section 14: Transport information

<b>IMDG/IMO</b>	NOT REGULATED
<b>14.1 UN-No</b>	NOT REGULATED
<b>14.2 Proper shipping name</b>	NOT REGULATED
<b>14.3 Hazard class</b>	NOT REGULATED
<b>14.4 Packing group</b>	NOT REGULATED
<b>14.5 Marine pollutant</b>	Not Applicable
<b>14.6 Special provisions</b>	None
<b>14.7 Transport in Bulk</b>	No information available
<b>According to Annex II of MARPOL and the IBC CODE</b>	

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

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

<b>IATA</b>	NOT REGULATED
<b>14.1 UN-No</b>	NOT REGULATED
<b>14.2 Proper shipping name</b>	NON REGULATED
<b>14.3 Hazard class</b>	NOT REGULATED
<b>14.4 Packing group</b>	NOT REGULATED
<b>14.5 Environmental Hazard</b>	Not Applicable
<b>14.6 Special provisions</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:**

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 In accordance with European Regulation (EC) No 648/2004, this product contains: Anionic Surfactants 1-10%, Non-Ionic Surfactants <1% Oxygen based bleaching agent 10-30%

**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  
 H400 - Very toxic to aquatic life

**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**

20-Mar-2018

**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**

