



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 23-Apr-2018

Revision Date 19-Jun-2018

Revision Number 2

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

1.1. Product identifier

Product Code 50753 - PBV000439

Product Name T32 Tablets

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

Recommended Use For industrial use only.

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;
160 Robinson Road, #17-01 SBF Centre, Singapore 068914

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 |
|--------|-----|

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

| | |
|-----------------------------------|---------------------|
| Acute toxicity - Oral | Category 4 - (H302) |
| Serious eye damage/eye irritation | Category 1 - (H318) |

2.2. Label elements



Signal word

Danger

Hazard Statements

H302 - Harmful if swallowed

H318 - Causes serious eye damage

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

P264 - Wash face thoroughly after handling

P270 - Do not eat, drink or smoke when using this product

P280 - Wear protective gloves and eye/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

P501 - Dispose of contents/ container to an approved waste disposal plant

Additional information

This product requires tactile warnings if supplied to the general public

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 |
| Sodium carbonate | 207-838-8 | 497-19-8 | 10-30% | Eye Irrit. 2 (H319) | No data available |
| Tartaric acid | 201-766-0 | 87-69-4 | 10-30% | No data available | 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

| | |
|---|---|
| General advice | Show this safety data sheet to the doctor in attendance. |
| Inhalation | Remove to fresh air. Get medical attention immediately if symptoms occur. |
| Skin contact | Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists. |
| Eye contact | 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. |
| Ingestion | 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. |
| Self-protection of the first aider | 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

Symptoms Burning sensation.

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

Note to physicians Treat symptomatically.

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.

Unsuitable extinguishing media No information available.

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)

Risk Management Methods (RMM) The information required is contained in this Material 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 ³ |
| Chemical Name | Austria | Switzerland | Poland | Norway | Ireland |
| Tartaric acid 87-69-4 | - | STEL: 4 mg/m ³ TWA: 2 mg/m ³ | - | - | - |

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 If splashes are likely to occur, wear safety glasses with side-shields.

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 White
Odor Characteristic
Color No information available
Odor Threshold Not applicable

| <u>Property</u> | <u>Values</u> | <u>Remarks Method</u> |
|-------------------------------|-------------------|-----------------------|
| pH | 9.4 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 | No data available | None known |
| Upper flammability limit | No data available | None known |

11.1. Information on toxicological effects**Information on likely routes of exposure****Product Information**

| | |
|---------------------|--|
| Inhalation | Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. |
| Eye contact | Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). Irritating to eyes. |
| Skin contact | Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components). |
| Ingestion | 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). |

Information on toxicological effects

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

| | |
|--------------------------------------|---------------|
| ATEmix (oral) | 3458.00 mg/kg |
| ATEmix (inhalation-dust/mist) | 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 | LD50 Oral | LD50 Dermal | Inhalation LC50 |
|-----------------------|----------------------|-------------------------|--------------------------------------|
| Sodium percarbonate | = 1034 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | |
| Sodium carbonate | = 4090 mg/kg (Rat) | | = 2300 mg/m ³ (Rat) 2 h |
| 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.



Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity 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 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 |
| 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 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 |
|-----------------------|---|
| 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 |
| 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 Not regulated
14.1 UN Number Not regulated
14.2 Proper Shipping Name Not regulated
14.3 Hazard Class (select) Not regulated
14.4 Packing Group (select) Not regulated
14.5 Marine Pollutant Not applicable
14.6 Special Provisions None
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code No information available

RID Not regulated
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 Not regulated
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 | Not regulated |
| 14.1 UN Number | Not regulated |
| 14.2 Proper Shipping Name | NON REGULATED |
| 14.3 Hazard Class (select) | Not regulated |
| 14.4 Packing Group (select) | 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

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.

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/

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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

