

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

· **1.1 Product identifier:**

· **Trade name:** Thermo Coffee Tabs

· **Article number:** 128.540

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

· **Product category:** PC35 Washing and cleaning products (including solvent based products)

· **Application of the substance / the preparation:** Cleaning material/ Detergent

· **1.3 Details of the supplier of the safety data sheet:**

Paulig Finland Ltd

Satamakaari 20, 00980 Helsinki, FINLAND

+358 931981

asiakaspalvelu@paulig.com

· **Manufacturer/Supplier:**

Schulz & Sohn GmbH

Chemie-Erzeugnisse

Hoherweg 327

D-40231 Duesseldorf

sida@schulzchemie.com

Distributet by:

Thermoplan AG

Thermoplan-Platz 1

CH-6353 Weggis

Tel.: +41 41 3921200

thermoplan@thermoplan.ch

· **Further information obtainable from:** Product safety department

· **1.4 Emergency telephone number:**

Toxin emergency call (24 hours):

Phone: +44 (0) 845 4647

## SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture:**

· **Classification according to Regulation (EC) No 1272/2008:**

Eye Dam. 1 H318 Causes serious eye damage.

· **2.2 Label elements:**

· **Labelling according to Regulation (EC) No 1272/2008:**

The product is classified and labelled according to the GB CLP regulation.

· **Hazard pictograms**



GHS05

· **Signal word** Danger

· **Hazard-determining components of labelling:**

sodium percarbonate

tartaric acid

· **Hazard statements**

H318 Causes serious eye damage.

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GB

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· **Precautionary statements**

P280 Wear protective clothing / eye 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.

P313 Get medical advice/attention.

· **2.3 Other hazards:**

· **Results of PBT and vPvB assessment:**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

## SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

|  |   |         |
|--|---|---------|
| CAS: 497-19-8<br>EINECS: 207-838-8<br>Reg.nr.: 2119485498-19   | sodium carbonate<br>⚠ Eye Irrit. 2, H319  | 15-<30% |
| CAS: 15630-89-4<br>EINECS: 239-707-6<br>Reg.nr.: 2119457268-30 | sodium percarbonate<br>⚠ Ox. Sol. 2, H272; ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H332 | 15-<30% |
| CAS: 87-69-4<br>EINECS: 201-766-0                              | tartaric acid<br>⚠ Eye Dam. 1, H318   | 15-<30% |

· **Regulation (EC) No 648/2004 on detergents / Labelling for contents:**

|   |            |
|---|------------|
| oxygen-based bleaching agents, phosphates | ≥15 - <30% |
|---|------------|

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First aid measures

· **4.1 Description of first aid measures:**

· **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

· **After swallowing:** Rinse out mouth and then drink plenty of water.

· **4.2 Most important symptoms and effects, both acute and delayed:**

No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed:**

No further relevant information available.

## SECTION 5: Firefighting measures

· **5.1 Extinguishing media:**

· **Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire extinguishing methods suitable to surrounding conditions.

· **5.2 Special hazards arising from the substance or mixture:** No further relevant information available.

· **5.3 Advice for firefighters:**

· **Protective equipment:** Wear self-contained respiratory protective device.

## SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures:** Not required.

· **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

· **6.3 Methods and material for containment and cleaning up:** Ensure adequate ventilation.

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· **6.4 Reference to other sections:**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## SECTION 7: Handling and storage

· **7.1 Precautions for safe handling:** Prevent formation of dust.

· **Information about fire - and explosion protection:** Protect from heat.

· **7.2 Conditions for safe storage, including any incompatibilities:**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:**

Store only in the original receptacle.

Storage between 5 and 40°C.

· **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:**

Keep container tightly sealed.

Protect from heat and direct sunlight.

Store in dry conditions.

Protect from humidity and water.

· **Storage class:** 11

· **7.3 Specific end use(s):** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters:**

· **Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls:**

· **Appropriate engineering controls** No further data; see section 7.

· **Individual protection measures, such as personal protective equipment**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

· **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· **Hand protection**



Protective gloves!

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves:**

Recommendation:

uvex u-chem 3000 (DIN EN 374)

Material: Nitrile rubber, NBR

Thickness of the material: 0,5 mm

Value for the permeation: > 480 min (Level 6)

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Recommendation:

uvex u-fit strong N2000 (DIN EN 374)

Material: Nitrile rubber, NBR

Thickness of the material: 0,2 mm

Value for the permeation: > 480 min (Level 6)

· **Penetration time of glove material:**

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

· **Eye/face protection**



Tightly sealed goggles!

## SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties:**

· **General Information:**

|   |                 |
|---|-----------------|
| · <b>Colour:</b>  | Red             |
| · <b>Odour:</b>   | Characteristic  |
| · <b>Odour threshold:</b>   | Not determined. |
| · <b>Melting point/freezing point:</b>                            | Undetermined.   |
| · <b>Boiling point or initial boiling point and boiling range</b> | Undetermined.   |
| · <b>Flammability</b>   | Not determined. |
| · <b>Lower and upper explosion limit</b>                          |                 |
| · <b>Lower:</b>   | Not determined. |
| · <b>Upper:</b>   | Not determined. |
| · <b>Flash point:</b>   | Not applicable. |
| · <b>Decomposition temperature:</b>                               | Not determined. |
| · <b>pH (10 g/l) at 20 °C</b>                                     | 10.2            |
| · <b>Viscosity:</b>   |                 |
| · <b>Kinematic viscosity</b>                                      | Not applicable. |
| · <b>Dynamic:</b>   | Not applicable. |
| · <b>Solubility</b>   |                 |
| · <b>water:</b>   | Soluble.        |
| · <b>Partition coefficient n-octanol/water (log value)</b>        | Not determined. |
| · <b>Vapour pressure:</b>   | Not applicable. |
| · <b>Density and/or relative density</b>                          |                 |
| · <b>Density:</b>   | Not determined. |
| · <b>Relative density:</b>  | Not determined. |
| · <b>Vapour density:</b>  | Not applicable. |

· **9.2 Other information:**

|  |   |
|--|---|
| · <b>Appearance:</b>   |   |
| · <b>Form:</b>   | Solid   |
| · <b>Important information on protection of health and environment, and on safety.</b> |   |
| · <b>Ignition temperature:</b>   | Product is not selfigniting.                  |
| · <b>Explosive properties:</b>   | Product does not present an explosion hazard. |
| · <b>Solvent content:</b>  |   |
| · <b>Organic solvents:</b>   | 0.0 %   |
| · <b>Solids content:</b>   | 100.0 %                                       |

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|  |                 |
|--|-----------------|
| · <b>Change in condition:</b>  |                 |
| · <b>Evaporation rate:</b>   | Not applicable. |
| · <b>Information with regard to physical hazard classes</b>                        |                 |
| · <b>Explosives</b>  | Void            |
| · <b>Flammable gases</b>   | Void            |
| · <b>Aerosols</b>  | Void            |
| · <b>Oxidising gases</b>   | Void            |
| · <b>Gases under pressure</b>  | Void            |
| · <b>Flammable liquids</b>   | Void            |
| · <b>Flammable solids</b>  | Void            |
| · <b>Self-reactive substances and mixtures</b>                                     | Void            |
| · <b>Pyrophoric liquids</b>  | Void            |
| · <b>Pyrophoric solids</b>   | Void            |
| · <b>Self-heating substances and mixtures</b>                                      | Void            |
| · <b>Substances and mixtures, which emit flammable gases in contact with water</b> | Void            |
| · <b>Oxidising liquids</b>   | Void            |
| · <b>Oxidising solids</b>  | Void            |
| · <b>Organic peroxides</b>   | Void            |
| · <b>Corrosive to metals</b>   | Void            |
| · <b>Desensitised explosives</b>   | Void            |

## SECTION 10: Stability and reactivity

- **10.1 Reactivity:** No further relevant information available.
- **10.2 Chemical stability:**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions:** No dangerous reactions known.
- **10.4 Conditions to avoid:** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

## SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

|  |          |                     |
|--|----------|---------------------|
| · <b>LD/LC50 values relevant for classification:</b> |          |                     |
| <b>15630-89-4 sodium percarbonate</b>                |          |                     |
| Oral   | LD50     | 1034 mg/kg (rat)    |
| Dermal   | LD50     | 2001 mg/kg (rabbit) |
| Inhalative   | LC50/4 h | 2.275 mg/L (rat)    |

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation**  
Causes serious eye damage.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

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· **11.2 Information on other hazards**

· **Endocrine disrupting properties**

None of the ingredients is listed.

**SECTION 12: Ecological information**

· **12.1 Toxicity:**

· **Aquatic toxicity:** No further relevant information available.

· **12.2 Persistence and degradability:** No further relevant information available.

· **12.3 Bioaccumulative potential:** No further relevant information available.

· **12.4 Mobility in soil:** No further relevant information available.

· **12.5 Results of PBT and vPvB assessment:**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.

· **12.7 Other adverse effects:**

· **Additional ecological information:**

· **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**SECTION 13: Disposal considerations**

· **13.1 Waste treatment methods:**

· **Recommendation:**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

**SECTION 14: Transport information**

|   |                 |
|---|-----------------|
| · <b>14.1 UN number or ID number</b><br>· <b>ADR, ADN, IMDG, IATA</b>                           | Void            |
| · <b>14.2 UN proper shipping name</b><br>· <b>ADR, ADN, IMDG, IATA</b>                          | Void            |
| · <b>14.3 Transport hazard class(es)</b><br><br>· <b>ADR, ADN, IMDG, IATA</b><br>· <b>Class</b> | Void            |
| · <b>14.4 Packing group</b><br>· <b>ADR, IMDG, IATA</b>   | Void            |
| · <b>14.5 Environmental hazards:</b>  | Not applicable. |
| · <b>14.6 Special precautions for user</b>  | Not applicable. |
| · <b>14.7 Maritime transport in bulk according to IMO instruments</b>                           | Not applicable. |
| · <b>UN "Model Regulation":</b>   | Void            |

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## SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**
    - **Directive 2012/18/EU**
    - **Named dangerous substances - ANNEX I** None of the ingredients is listed.
  - **15.2 Chemical safety assessment::** A Chemical Safety Assessment has not been carried out.
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## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases:**
    - H272 May intensify fire; oxidiser.
    - H318 Causes serious eye damage.
    - H319 Causes serious eye irritation.
    - H332 Harmful if inhaled.
  - **Department issuing SDS:** HSE department
  - **Contact:** HSE Department
  - **Abbreviations and acronyms:**
    - ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
    - IMDG: International Maritime Code for Dangerous Goods
    - IATA: International Air Transport Association
    - GHS: Globally Harmonised System of Classification and Labelling of Chemicals
    - EINECS: European Inventory of Existing Commercial Chemical Substances
    - ELINCS: European List of Notified Chemical Substances
    - CAS: Chemical Abstracts Service (division of the American Chemical Society)
    - LC50: Lethal concentration, 50 percent
    - LD50: Lethal dose, 50 percent
    - PBT: Persistent, Bioaccumulative and Toxic
    - vPvB: very Persistent and very Bioaccumulative
    - Ox. Sol. 2: Oxidizing solids – Category 2
    - Acute Tox. 4: Acute toxicity – Category 4
    - Eye Dam. 1: Serious eye damage/eye irritation – Category 1
    - Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
-