
Hazardous according to criteria of Australian Safety and Compensation Council.

SECTION 1: Identification

- **1.1 Product identifier:**
- **Trade name:** Thermo Coffee Tabs evolution
- **Article number:** 144.493-144.494
- **UFI:** FAV0-409U-200Q-6J29
- **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:**
- **Manufacturer/Supplier:**
Schulz & Sohn GmbH
Chemie-Erzeugnisse
Hoeherweg 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:**
Poisons Information Centre (24 hours):
Phone: 13 11 26

SECTION 2: Hazard(s) Identification

- **2.1 Classification of the substance or mixture:**
- **Classification according to Regulation (EC) No 1272/2008:**

Eye damage/irritation – Category 1	H318 Causes serious eye damage.
Specific target organ toxicity (single exposure) – Category 3	H335 May cause respiratory irritation.

-
- **2.2 Label elements:**
 - **Labelling according to Regulation (EC) No 1272/2008:**
The product is classified and labelled according to the CLP regulation.
 - **Hazard pictograms**



GHS05 GHS07

- **Signal word** Danger
- **Hazard-determining components of labelling:**
sodium carbonate (15-<30 %)
sodium percarbonate (15-<30 %)
tartaric acid (15-<30 %)

(Contd. on page 2)

Safety Data Sheet

according to WHS Regulations

Page 2/8

Date of issue: 17.12.2025

Revision: 17.12.2025

Version number 1

Trade name: Thermo Coffee Tabs evolution

(Contd. of page 1)

· Hazard statements

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

· Precautionary statements

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.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· 2.3 Other hazards:

· Results of PBT and vPvB assessment:

· **PBT:** Not applicable

· **vPvB:** Not applicable

SECTION 3: Composition and Information on Ingredients

· 3.2 Mixtures

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

· Dangerous components:

497-19-8	sodium carbonate ⚠ Eye damage/irritation – Category 1, H318; ⚠ Specific target organ toxicity (single exposure) – Category 3, H335	15-<30%
15630-89-4	sodium percarbonate ⚠ Oxidising solids - Category 2, H272; ⚠ Eye damage/irritation – Category 1, H318; ⚠ Acute toxicity - inhalation – Category 4, H332	15-<30%
87-69-4	tartaric acid ⚠ Eye damage/irritation – Category 1, H318	15-<30%

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

oxygen-based bleaching agents	≥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:

· General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:** Immediately rinse with water.

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

· After swallowing:

Call for a doctor immediately.

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: Fire Fighting Measures

· 5.1 Extinguishing media:

· **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

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

(Contd. on page 3)

— AU —

Trade name: Thermo Coffee Tabs evolution

(Contd. of page 2)

- **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:**
Dispose contaminated material as waste according to section 13.
- **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:** 13
- **7.3 Specific end use(s):** No further relevant information available.

SECTION 8: Exposure controls and 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 eyes.
- **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!

(Contd. on page 4)

Trade name: Thermo Coffee Tabs evolution

(Contd. of page 3)

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)

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:**

· **Physical state**

Solid

· **Colour:**

White

· **Odour:**

Characteristic

· **Odour threshold:**

Not determined

· **Melting point/freezing point:**

Undetermined

· **Boiling point or initial boiling point and boiling range**

Undetermined

· **Flammability**

Not determined

· **Lower and upper explosion limit**

· **Lower:**

Not determined

· **Upper:**

Not determined

· **Flash point:**

Not applicable

· **Decomposition temperature:**

Not determined

· **pH at 20 °C**

9.8 (10%)

· **Viscosity:**

· **Kinematic viscosity**

Not applicable

· **Dynamic:**

Not applicable

· **Solubility**

· **water:**

Soluble.

· **Partition coefficient n-octanol/water (log value)**

Not determined

· **Vapour pressure:**

Not applicable

· **Density and/or relative density**

· **Density at 20 °C:**

0.962 g/cm³

· **Relative density:**

Not determined

· **Vapour density:**

Not applicable

· **Particle characteristics**

Not determined

(Contd. on page 5)

Safety Data Sheet

according to WHS Regulations

Page 5/8

Date of issue: 17.12.2025

Revision: 17.12.2025

Version number 1

Trade name: Thermo Coffee Tabs evolution

(Contd. of page 4)

· 9.2 Other information:

· Appearance:

· Form:

Tablets

· Important information on protection of health and environment, and on safety.

· Ignition temperature:

Product is not selfigniting.

· Explosive properties:

Product does not present an explosion hazard.

· Solvent content:

· Water:

0.4 %

· Solids content:

100.0 %

· Change in condition:

· Evaporation rate:

Not applicable.

· Information with regard to physical hazard classes

· Explosives

Void

· Flammable gases

Void

· Aerosols

Void

· Oxidising gases

Void

· Gases under pressure

Void

· Flammable liquids

Void

· Flammable solids

Void

· Self-reactive substances and mixtures

Void

· Pyrophoric liquids

Void

· Pyrophoric solids

Void

· Self-heating substances and mixtures

Void

· Substances and mixtures, which emit flammable gases in contact with water

Void

· Oxidising liquids

Void

· Oxidising solids

Void

· Organic peroxides

Void

· Corrosive to metals

Void

· Desensitised explosives

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.

· LD/LC50 values relevant for classification:

497-19-8 sodium carbonate

Oral | LD50 | 4,090 mg/kg (rat)

· Primary irritant effect:

· Skin corrosion/irritation Based on available data, the classification criteria are not met.

· Serious eye damage/irritation Causes serious eye damage.

(Contd. on page 6)

— AU —

Safety Data Sheet

according to WHS Regulations

Page 6/8

Date of issue: 17.12.2025

Revision: 17.12.2025

Version number 1

Trade name: Thermo Coffee Tabs evolution

(Contd. of page 5)

- **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** May cause respiratory irritation.
- **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.
- **11.2 Information on other hazards**

· **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological Information

· **12.1 Toxicity:**

· **Aquatic toxicity:**

497-19-8 sodium carbonate

Inhalative	LC50/96 h	300 mg/L (fish)
	EC50/48 h	265 mg/L (daphnia)

- **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**

The product does not contain substances with endocrine disrupting properties.
- **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

· **14.1 UN number or ID number**

· **ADG, IMDG, IATA** Void

· **14.2 UN proper shipping name**

· **ADG, IMDG, IATA** Void

· **14.3 Transport hazard class(es)**

· **ADG, ADN, IMDG, IATA**

· **Class** Void

(Contd. on page 7)

— AU —

Safety Data Sheet

according to WHS Regulations

Page 7/8

Date of issue: 17.12.2025

Revision: 17.12.2025

Version number 1

Trade name: Thermo Coffee Tabs evolution

(Contd. of page 6)

· 14.4 Packing group	
· ADG, IMDG, IATA	Void
· 14.5 Environmental hazards:	Not applicable
· 14.6 Special precautions for user	Not applicable
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable
· UN "Model Regulation":	Void

SECTION 15: Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

· Australian Inventory of Chemical Substances:		
497-19-8	sodium carbonate	
15630-89-4	sodium percarbonate	
144538-83-0	Tetranatriumiminodisuccinat	
87-69-4	tartaric acid	
	Alkohole, C16-18, ethoxyliert	
25322-68-3	polyethylene glycol	
7732-18-5	water	
· Standard for the Uniform Scheduling of Drugs and Poisons:		
15630-89-4	sodium percarbonate	S5, S6
· Australia: Priority Existing Chemicals		
None of the ingredients is listed.		

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II
None of the ingredients is listed.

· **REGULATION (EU) 2019/1148**

· Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))
None of the ingredients is listed.

· Annex II - REPORTABLE EXPLOSIVES PRECURSORS
None of the ingredients is listed.

· Regulation (EC) No 273/2004 on drug precursors
None of the ingredients is listed.

· Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors
None of the ingredients is listed.

· **15.2 Chemical safety assessment::** A Chemical Safety Assessment has not been carried out.

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; oxidizer.

(Contd. on page 8)

— AU —

Safety Data Sheet

according to WHS Regulations

Page 8/8

Date of issue: 17.12.2025

Revision: 17.12.2025

Version number 1

Trade name: Thermo Coffee Tabs evolution

(Contd. of page 7)

H318 Causes serious eye damage.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.

· **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

Oxidising solids - Category 2: Oxidizing solids – Category 2

Acute toxicity - inhalation – Category 4: Acute toxicity – Category 4

Eye damage/irritation – Category 1: Serious eye damage/eye irritation – Category 1

Specific target organ toxicity (single exposure) – Category 3: Specific target organ toxicity (single exposure) – Category 3

— AU —