

Melitta COMBI-TABS

Version: 1 / GB Replaces Version: - / GB Date revised: 31.10.2014

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

1.1. Product identifier

Melitta COMBI-TABS

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

Use of the substance/preparation

Washing and cleaning products (including solvent based products)

1.3. Details of the supplier of the safety data sheet

Address:

Melitta Professional Coffee Solutions GmbH & Co.KG
Zechenstr. 60
D-32429 Minden
Telephone no. +49 571 50 49 0
Fax no. +49 571 50 49 233
www.melittaprofessional.de

E-mail address of person responsible for this SDS:

sida@drweigert.de

1.4. Emergency telephone number

GBK/ Infotrac: (USA domestic) 1 800 535 5053 or international +1 352 323 3500

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)
Eye Irrit. 2 H319

Classification in accordance with EC directives 1999/45/EC and 67/548/EEC

Classification Xi, R36

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

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

Melitta COMBI-TABS

Version: 1 / GB Replaces Version: - / GB Date revised: 31.10.2014

Print date: 07.11.14

Dispose only when container is empty and closed. For disposal of product residues, refer to Material Safety Data Sheet.

Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Hazard symbols



irritant

R phrases

36 Irritating to eyes.

S phrases

24/25 Avoid contact with skin and eyes.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

2.3. Other hazards

No special hazards have to be mentioned.

SECTION 3: Composition/information on ingredients

Hazardous ingredients

sodium carbonate peroxyhydrate

CAS No. 15630-89-4
EINECS no. 239-707-6
Registration no. 01-2119457268-30-0004
Concentration $\geq 10 < 25$ %
Classification O, R8
Xn, R22
Xi, R41

Classification (Regulation (EC) No. 1272/2008)

Ox. Sol. 3	H272
Acute Tox. 4	H302
Eye Dam. 1	H318

Potassium carbonate

CAS No. 584-08-7
EINECS no. 209-529-3
Registration no. 01-2119532646-36-0010
Concentration $\geq 1 < 10$ %
Classification Xi, R36/37/38

Classification (Regulation (EC) No. 1272/2008)

Skin Irrit. 2	H315
Eye Irrit. 2	H319
STOT SE 3	H335

sodium carbonate

CAS No. 497-19-8
EINECS no. 207-838-8
Registration no. 01-2119485498-19-0028

Melitta COMBI-TABS

Version: 1 / GB Replaces Version: - / GB Date revised: 31.10.2014

Print date: 07.11.14

Concentration $\geq 1 < 10 \%$
Classification Xi, R36

Classification (Regulation (EC) No. 1272/2008)
Eye Irrit. 2 H319

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated clothing immediately and dispose of safely. In any case show the physician the Safety Data Sheet.

After inhalation

Ensure supply of fresh air. When dust is intensively inhaled, seek medical help immediately.

After skin contact

Wash off immediately with soap and water. Take medical treatment.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

After ingestion

If swallowed, seek medical advice immediately and show this container or label. Rinse mouth thoroughly with water. Let plenty of water be drunk in small gulps. Do not induce vomiting.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

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

Until now no symptoms known so far.

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

Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

Non Suitable extinguishing media

Compatible with all usual extinguishing media.

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Do not inhale explosion and/or combustion gases. In case of combustion use a suitable breathing apparatus.

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

Melitta COMBI-TABS

Version: 1 / GB Replaces Version: - / GB Date revised: 31.10.2014

Print date: 07.11.14

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Knock down dust with water spray jet.

6.3. Methods and material for containment and cleaning up

Pick up mechanically. Dispose of absorbed material in accordance with the regulations.

6.4. Reference to other sections

Refer to protective measures listed in sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid the formation and deposition of dust. Keep container tightly closed.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in original packaging, tightly closed. Provide solvent-resistant and impermeable floor.

Storage class according to TRGS 510

Storage class according to TRGS 510	13	Non- combustible solids
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7.3. Specific end use(s)

no data

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other information

Contains no substances with occupational exposure limit values.

8.2. Exposure controls

General protective and hygiene measures

Do not inhale dust/fumes/aerosols. Avoid contact with skin and eyes. Do not eat, drink or smoke during work time. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

Respiratory protection

Use breathing apparatus in dust-laden atmosphere. Dust mask

Hand protection

Chemical resistant gloves	
Appropriate Material	neoprene
Appropriate Material	vinyl
Appropriate Material	Butyl rubber
Appropriate Material	nitrile

Eye protection

Safety glasses with side protection shield

SECTION 9: Physical and chemical properties

Melitta COMBI-TABS

Version: 1 / GB Replaces Version: - / GB Date revised: 31.10.2014

Print date: 07.11.14

9.1. Information on basic physical and chemical properties

Form	solid		
Colour	white		
Odour	odourless		
Odour threshold			
Remarks	not determined		
pH value			
Value	10,5	to	10,7
Concentration/H ₂ O	appr. 0,8	g/l	
Melting point			
Remarks	not determined		
Freezing point			
Remarks	not determined		
Initial boiling point and boiling range			
Remarks	not determined		
Flash point			
Remarks	Not applicable		
Evaporation rate (ether = 1) :			
Remarks	not determined		
Flammability (solid, gas)			
evaluation	not determined		
Upper/lower flammability or explosive limits			
Remarks	not determined		
Vapour pressure			
Remarks	not determined		
Vapour density			
Remarks	not determined		
Density			
Remarks	not determined		
Solubility in water			
Remarks	not determined		
Solubility(ies)			
Remarks	not determined		
Partition coefficient: n-octanol/water			
Remarks	not determined		
Ignition temperature			
Remarks	not determined		
Decomposition temperature			
Remarks	not determined		
Viscosity			
Remarks	not determined		
Explosive properties			
evaluation	not determined		
Oxidising properties			
evaluation	oxidizing		

Melitta COMBI-TABS

Version: 1 / GB Replaces Version: - / GB Date revised: 31.10.2014

Print date: 07.11.14

9.2. Other information

Other information

None known

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

No hazardous reactions known.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No hazardous reactions known.

Decomposition temperature

Remarks not determined

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

Irritant gases/vapours

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

Remarks not determined

Acute oral toxicity (Components)

sodium carbonate peroxyhydrate

Species	rat		
LD50		1034	mg/kg
Method		Value taken from the literature	

Acute dermal toxicity

Remarks not determined

Acute dermal toxicity (Components)

sodium carbonate peroxyhydrate

Species	rabbit		
LD50	>	2000	mg/kg
Method		OECD 402	

Acute inhalational toxicity

Remarks not determined

Skin corrosion/irritation

Remarks not determined

Serious eye damage/irritation

Remarks not determined

Sensitization

Remarks not determined

Melitta COMBI-TABS

Version: 1 / GB Replaces Version: - / GB Date revised: 31.10.2014

Print date: 07.11.14

Subacute, subchronic, chronic toxicity

Remarks not determined

Mutagenicity

Remarks not determined

Reproductive toxicity

Remarks not determined

Carcinogenicity

Remarks not determined

Specific Target Organ Toxicity (STOT)

Remarks not determined

Experience in practice

Inhalation of dusts may irritate the respiratory tract.

Other information

No toxicological data are available.

SECTION 12: Ecological information

12.1. Toxicity

General information

not determined

Fish toxicity (Components)

sodium carbonate peroxyhydrate

Species	Fathead minnow (<i>Pimephales promelas</i>)		
LC50	70,7		mg/l
Duration of exposure	96	h	

Daphnia toxicity (Components)

sodium carbonate peroxyhydrate

Species	Daphnia pulex		
EC50	4,9		mg/l
Duration of exposure	48	h	

sodium carbonate peroxyhydrate

Species	Daphnia pulex		
NOEC	2		mg/l
Duration of exposure	48	h	

Bacteria toxicity (Components)

sodium carbonate peroxyhydrate

Species	activated sludge		
EC50	466		mg/l
Duration of exposure	30	min	

12.2. Persistence and degradability

General information

not determined

12.3. Bioaccumulative potential

General information

not determined

Partition coefficient: n-octanol/water

Remarks not determined

Melitta COMBI-TABS

Version: 1 / GB Replaces Version: - / GB Date revised: 31.10.2014

Print date: 07.11.14

12.4. Mobility in soil

General information

not determined

12.5. Results of PBT and vPvB assessment

General information

not determined

12.6. Other adverse effects

General information

not determined

General information / ecology

Do not allow to enter soil, waterways or waste water canal.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

SECTION 14: Transport information

Land transport ADR/RID

Non-dangerous goods

Marine transport IMDG/GGVSee

The product does not constitute a hazardous substance in sea transport.

Air transport ICAO/IATA

The product does not constitute a hazardous substance in air transport.

Information for all modes of transport

14.6. Special precautions for user

See Sections 6 to 8

Other information

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

Ingredients (Regulation (EC) No 648/2004)

30 % and more:

phosphates

15 % or over but less than 30 %:

oxygen-based bleaching agents

Water Hazard Class (Germany)

Melitta COMBI-TABS

Version: 1 / GB Replaces Version: - / GB Date revised: 31.10.2014

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Water Hazard Class
(Germany)
Remarks

WGK 1

Classification according to Annex 4 VwVwS

VOC

VOC (EU) 0 %

Other information

The product does not contain substances of very high concern (SVHC).

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information

R-phrases listed in Chapter 3

22	Harmful if swallowed.
36	Irritating to eyes.
36/37/38	Irritating to eyes, respiratory system and skin.
41	Risk of serious damage to eyes.
8	Contact with combustible material may cause fire.

Hazard statements listed in Chapter 3

H272	May intensify fire; oxidiser.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Ox. Sol. 3	Oxidising solid, Category 3
Skin Irrit. 2	Skin irritation, Category 2
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.