

SAFETY DATA SHEETS

Cleaning tablets

أقراص التنظيف

Cleaning tabs
Почистващи таблетки
Pastilhas de limpeza
清潔片
Čisticí tablety
Cleaning tablets
Rensetabletter
Puhastustabletid
Pastillas de limpieza
Puhdistustabletti
Pastillas de limpieza
Pastilles de nettoyage
Cleaning tabs
Ταμπλέτες καθαρισμού
Tablete za čišćenje
Tisztítótabletták
Deterjen tablet

सफ़ाई की गोलियां

Comprese detergenti
洗淨タブレット 세척
용 알약
Tīrīšanas tabletes
Tab pembersihan
Reinigungstabletten
Rengjöringstabletter
Tabletki czyszczące
Pastilhas de limpeza
Pastile de curățare
Чистящие таблетки от компании
Rengöringstabletter
Čistilne tablete
Čistiace tablety
Temizlik tabletleri
清潔錠
Таблетки для очищения



خطر, Danger, Опасно, Perigo, 危險, Nebezpečí, Gefahr, Fare, Ettevaatust, Peligro, Vaara, Danger, Danger, Κίνδυνος, Opasnost, Veszély, Bahaya, खतरा, Pericolo, 危險, 위험, Draudi, Bahaya, Gevaar, Fare, Niebezpieczeństwo, Perigo, Pericol,, Fara, Nevarno, Nebezpečnostvo, Tehlike, 危險, Небезпека

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FRANKE

Safety data sheet

according to 1907/2006/EC,
Article 31

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revised on: 29.05.2017
Version number 2

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

- **1.1 Product identifier:**
- **Trade name:** Cleaning tablets
- **Item number:**
SAP no.: 567.0000.010; 567.0000.011
IFS no.: BK328400; BK328412; BK328399
- **1.2 Relevant identified uses of the substance or mixture and uses against:**
No further relevant information available.
- **Application of the substance / the mixture:** Cleaning agent
- **1.3 Details of the supplier of the safety data sheet:**
- **Manufacturer/Supplier**
er Schulz & Sohn
GmbH Chemie-
Erzeugnisse
Höherweg 327
D-40231 info@schulzchemie.com

Distribution by:
Franke Kaffeemaschinen AG
Franke Straße 9
CH-4663 Aarburg
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7873607
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cs-info.ch@franke.com

Franke Coffee Systems GmbH
Franke Strasse 1
D-97947 Grünsfeld
Phone: +49 9346
92780
Fax: +49 9346 9278100
info.fbk@franke.com
- **Department providing information:** Product Safety Department
- **1.4 Emergency number:**
Poison control center (24 hours):
Phone: +49 (0)30 19240
Advice German and English.

SECTION 2: Potential hazards

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



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- **Signal word:** Danger
- **Hazard-determining components of labeling:**
Sodium percarbonate
Tartaric acid
- **Hazard warnings:**
H318 Causes serious eye damage.
- **Safety instructions:**
P280 protective clothing / eye protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove existing contact lenses if possible. Continue rinsing.
P313 Get medical .
- **2.3 Other hazards:**
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterization: Mixtures**
- **Description:** Mixture of the following substances with non-hazardous additions.

- Hazardous ingredients:		
CAS: 497-19-8 EINECS: 207-838-8 Reg. no.: 2119485498-19	Sodium carbonate ⚠ Eye Irrit. 2, H319	15 - <30%
CAS: 15630-89-4 EINECS: 239-707-6 Reg. no.: 2119457268-30	Sodium percarbonate ⚠ Ox. Sol. 2, H272; ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332	15 - <30%
CAS: 133-37-9 EINECS: 205-105-7	Tartaric acid ⚠ Eye Dam. 1, H318	15 - <30%
- Regulation (EC) No. 648/2004 on detergents / labeling of ingredients:		
Oxygen-based bleaching agents, phosphates		≥15 - <30%

- **Additional information:**
The wording of the listed hazard statements can be found in section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures:**
- **General information:**
Symptoms of poisoning may not appear for many hours, therefore medical supervision is required for at least 48 hours after an accident.
- **After inhalation:**
Supply plenty of fresh air and seek medical attention to be on the safe side. If unconscious, place and transport in the recovery position.
- **After skin contact:** In general, the product is not irritating to the skin.
- **After eye contact:**
Rinse opened eye for several minutes under running water and consult a doctor.
- **If swallowed:** Seek medical attention immediately.
- **4.2 Most important symptoms and effects, both acute and delayed:**
No further relevant information available.
- **4.3 Information on immediate medical assistance or special treatment:**
No further relevant information available.

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SECTION 5: Fire-fighting measures

- **5.1 Extinguishing agents:**
 - **Suitable extinguishing agents:**
Adapt fire extinguishing measures to the surroundings.
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol-resistant foam.
 - **5.2 Special hazards arising from the substance or mixture:**
No further relevant information available.
 - **5.3 Instructions for fire fighting:**
 - **Special protective equipment:** No special measures required.
-

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures:**
Not required.
 - **6.2 Environmental protection measures:**
Do not allow to enter drains/surface water/ground water.
 - **6.3 Methods and material for containment and cleaning:**
Dispose of contaminated material as waste according to section 13.
 - **6.4 Reference to other sections:**
For information on safe handling see section 7. For information on personal protective equipment see section 8. For information on disposal see section 13.
-

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling:**
No special measures required if used properly.
 - **Information about fire and explosion protection:** No special measures required.
 - **7.2 Conditions for safe storage, including any incompatibilities:**
 - **Storage:**
 - **Requirements for storage rooms and containers:** No special requirements.
 - **Storage instructions:** Not required.
 - **Further information on storage conditions:** None.
 - **Storage class:** 13
 - **Classification according to the German Ordinance on Industrial Safety and Health (BetrSichV):** -
 - **7.3 Specific end uses:** No further relevant information available.
-

SECTION 8: Exposure controls/personal protective equipment

- **Additional information on the design of technical systems:**
No further information, see section 7.
- **8.1 Parameters to be monitored:**
- **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of substances with limit values to be monitored at the workplace.
- **Additional notes:** The lists valid at the time of preparation were used as a basis.

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· **8.2 Limitation and supervision of exposure:**

· **Personal protective equipment:**

· **General protective and hygiene measures:**

Keep away from food, drink and animal feed. Take off immediately all contaminated clothing.

Wash hands before breaks and at the end of work. Avoid contact with the eyes.

· **Respiratory protection:**

For short-term or low exposure use breathing filter device; for intensive or prolonged exposure use self-contained breathing apparatus.

· **Hand protection:**

The glove material must be impermeable and resistant to the product / substance / preparation.

Due to the lack of tests, no recommendation on glove material can be given for the product / the preparation / the chemical mixture.

Selection of the glove material taking into account the breakthrough times, permeation rates and degradation.

· **Glove material:**

The selection of a suitable glove depends not only on the material, but also on other quality features and varies from manufacturer to manufacturer. Since the product is a preparation of several substances, the resistance of glove materials cannot be calculated in advance and must therefore be checked before use.

· **Penetration time of the glove material:**

The exact breakthrough time must be obtained from the protective glove manufacturer and adhered to.

· **Eye protection:**



Tightly sealed safety goggles!

SECTION 9: Physical and chemical properties

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

· **General information:**

· **Appearance:**

Shape: Solid

Color: White

· **Odor:** Characteristic

· **Odor threshold:** Not determined.

- **pH value (10 g/l) at 20 °C:** 10,2

- **Melting point/freezing point: Initial boiling point and boiling range:** Not determined. Not determined.

- **Flash point:** Not applicable.

- **Flammability (solid, gaseous):** Not determined.

- **Ignition temperature:**

Decomposition temperature: Not determined.

- **Auto-ignition temperature:** The product is not self-igniting.

- **Explosive properties:** The product is not explosive.

- **Explosion limits:**

Lower: Not determined.

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Upper:	Not determined.
- Vapor pressure:	Not applicable.
- Density:	Not determined.
Relative density: Vapor density:	Not applicable.
Evaporation rate:	Not applicable.
- Solubility in / Miscibility with: Water:	Soluble.
- Partition coefficient: n-octanol/water:	Not determined.
- Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
- Solvent content: Organic solvents: VOC (EU):	0,0 % 0,00 %
Solids content:	100,0 %
- 9.2 Other information:	No further relevant information available.

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 when used as intended.
- **10.3 Possibility of hazardous reactions:** No hazardous 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 hazardous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects:**
- **Acute toxicity:** Based on available data, the classification criteria are not met.

- LD/LC50 values relevant for classification:

15630-89-4 Sodium percarbonate

Oral	LD50	1034 mg/kg (rat)
Dermal	LD50	2001 mg/kg (rabbit)
Inhalativ e	LC50/4 h	2.275 mg/L (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.
- **Sensitization of the respiratory tract/skin:**
Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenic, mutagenic and toxic reproduction):**
- **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.
- **Specific target organ toxicity at single exposure:**
Based on available data, the classification criteria are not met.

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- **Specific target organ toxicity with repeated exposure:**
Based on available data, the classification criteria are not met.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

SECTION 12: Environmental 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.
- **Further ecological information:**
- **General information:**
Water hazard class 1 (self-classification): slightly hazardous to water
Do not allow undiluted product or large quantities of it to enter groundwater, watercourses or drains.
- **12.5 Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects:** No further relevant information available.

SECTION 13: Disposal instructions

- **13.1 Waste treatment processes:**
- **Recommendation:**
Must not be disposed of together with household waste. Do not allow to enter the sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Dispose of in accordance with official regulations.
- **Recommended cleaning agent:** Water, if necessary with the addition of cleaning agents.

SECTION 14: Transport information

· 14.1 UN number · ADR, ADN, IMDG, IATA	not applicable
· 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA	not applicable
· 14.3 Transport hazard classes · ADR, ADN, IMDG, IATA · Class	not applicable
· 14.4 Packaging group · ADR, IMDG, IATA	not applicable
· 14.5 Environmental hazards: · Marine pollutant:	No
- 14.6 Special precautions for the user User	Not applicable.
- 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Convention Code	Not applicable.
- UN "Model Regulation":	Not applicable

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SECTION 15: Legislation

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**
 - **National regulations:**
 - **Notes on employment restrictions:**
Observe employment restrictions for young people.
 - **Water hazard class:** WGK 1 (self-classification): slightly hazardous to water.
 - **15.2 Chemical safety assessment:** A chemical safety assessment has not been carried out.
-

SECTION 16: Other information

The information is based on our current state of knowledge, but does not constitute a guarantee of product properties and does not establish a contractual legal relationship.

- **Relevant sentences:**
H272 May intensify fire; oxidizer. H302 Harmful if swallowed. H318 Causes serious eye damage.
H319 Causes serious eye irritation. H332 Harmful if inhaled.
 - **Department issuing the data sheet:** Product Safety Department
 - **Contact person:** Mr. Saurbier
 - **Abbreviations and acronyms:**
ADR: Accord européen sur le transport 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 Harmonized 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)
VOC: Volatile Organic Compounds (USA, EU)
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
 - **Data changed compared to the previous version**
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