

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006
(amended by Regulation (EU) 2015/830)

Awimac 2000 Cafe Clean Tabs

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

1.1. Product identifier

Product name Awimac 2000 Cafe Clean Tabs
Product code None.

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

Use of the Substance/Mixture Special detergent for coffee machines

1.3. Details of the supplier of the safety data sheet

Company/Undertaking Identification Faeka Chemie GmbH
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CH- 8424 Embrach
Tel. +41 (0)848 040 040
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1.4. Emergency telephone number 145 (Tox Info Suisse)

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Version GHS 1

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 Serious eye damage/eye irritation, Cat. 2, H319

Additional information For the full text of the phrases mentioned in this Section, see Section 16.

2.2. Label elements



Signal Word	Warning
Hazard Statements	H319: Causes serious eye irritation.
Precautionary statements	P102: Keep out of reach of children. P280c: Wear protective gloves/ 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.
Supplemental information	None.
Product identifier	Sodium percarbonate, CAS-No. 15630-89-4 Sodium carbonate, CAS-No. 497-19-8, EC-No. 207-838-8 Citric acid anhydrous, CAS-No. 77-92-9, EC-No. 201-069-1 Sodium dodecylbenzolsulfonate, CAS-No. 25155-30-0, EC-No. 246-680-4
2.3. Other hazards	None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Components		CLP Classification	Product identifier
Sodium percarbonate	< 25%	Acute Tox. 4 H302, Eye Dam. 1 H318, Ox. Sol. 3 H272 [CEy1: C ≥ 25 % CEy2: 10 % ≤ C < 25 %]	CAS-No.: 15630-89-4 Index-No: 239-707-6
Sodium carbonate	25% - 30%	Eye Irrit. 2 H319	CAS-No.: 497-19-8 EC-No.: 207-838-8 Index-No: 011-005-00-2
Citric acid anhydrous	5% - 10%	Eye Irrit. 2 H319	CAS-No.: 77-92-9 EC-No.: 201-069-1
Sodium dodecylbenzolsulfonate	5% - 10%	Acute Tox. 4 H312, Acute Tox. 4 H302, Eye Irrit. 2 H319	CAS-No.: 25155-30-0 EC-No.: 246-680-4

For the full text of the phrases mentioned in this Section, see Section 16.

Hazardous impurities None known.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Not hazardous by inhalation.
Skin contact	Wash hands with water as a precaution.
Eye contact	Rinse immediately with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Consult a physician for severe cases.

4.2. Most important symptoms and effects, both acute and delayed None known.

4.3. Indication of any immediate medical attention and special treatment needed None known.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	No special measures required. The product itself does not burn.
Extinguishing media which must not be used for safety reasons	None.

5.2. Special hazards arising from the substance or mixture The product itself does not burn. Oxidizing material by emission of oxygen.

5.3. Advice for firefighters

Special protective equipment for firefighters	Standard procedure for chemical fires. In the event of fire, wear self-contained breathing apparatus.
Specific methods	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel	Avoid contact with skin and eyes. Do not breathe vapours/dust.
Advice for emergency responders	Use personal protective equipment. Do not breathe vapours/dust.

6.2. Environmental precautions	No special environmental precautions required.
6.3. Methods and material for containment and cleaning up	Use mechanical handling equipment. After cleaning, flush away traces with water.
6.4. Reference to other sections	See chapter 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling	Avoid contact with skin and eyes.
7.2. Conditions for safe storage, including any incompatibilities	Keep container tightly closed. Store in original container.
7.3. Specific end use(s)	No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit(s)	No data is available on the product itself.
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8.2. Exposure controls

Appropriate engineering controls	Avoid contact with skin, eyes and clothing. Keep away from food, drink and animal feedingstuffs.
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Personal protection equipment

<i>Respiratory protection</i>	No personal respiratory protective equipment normally required.
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<i>Hand protection</i>	Normally none needed. Use gloves if repeated or prolonged contact is expected. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.
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<i>Eye protection</i>	Safety glasses with side-shields conforming to EN166.
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<i>Skin and body protection</i>	Long sleeved clothing.
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<i>Thermal hazards</i>	No special measures required.
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Environmental exposure controls	Prevent product from entering surface water or sewage.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Tablet.
Colour	White.
Odour	Odourless.
Odour Threshold	Not determined.
pH:	9.55 (300 g/l)
Melting point/range:	Not determined.
Boiling point/range:	Not determined.
Flash point:	does not ignite
Evaporation Rate:	Not determined.
Flammability:	Not determined.
Explosion limits:	Not determined.
Vapour pressure:	Not determined.
Vapor density:	Not determined.
Relative density:	~ 1.4
Water solubility:	completely soluble
Partition coefficient (n-octanol/water):	Not determined.
Autoignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Viscosity:	Not determined.
Explosive properties:	Not explosive
Oxidising properties:	None

9.2. Other information

General Product Characteristics No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity	The product itself does not burn, but it is slightly oxidising (active oxygen content ca. 2%).
10.2. Chemical stability	No decomposition if used as directed.
10.3. Possibility of hazardous reactions	Exothermic reaction with strong acids.
10.4. Conditions to avoid	Avoid creating dust. Burning produces obnoxious and toxic fumes.
10.5. Incompatible materials	With acid and aluminium.
10.6. Hazardous decomposition products	Carbon dioxide (CO ₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Sodium percarbonate (CAS 15630-89-4) Dermal LD50 Rabbit > 2000 mg/kg (OECD_SIDS) Oral LD50 Rat = 1034 mg/kg (OECD_SIDS) Sodium carbonate (CAS 497-19-8) Dermal LD50 Mouse = 2210 mg/kg (NLM_CIP) Inhalation LC50 Rat = 2300 mg/m ³ 2 h(NLM_CIP) Oral LD50 Rat = 4090 mg/kg (NLM_CIP) Citric acid anhydrous (CAS 77-92-9) Oral LD50 Rat = 3 g/kg (NLM_CIP) Sodium dodecylbenzolsulfonate (CAS 25155-30-0) Oral LD50 Rat = 500 mg/kg (JAPAN_GHS)
Skin corrosion/irritation	Ingestion may cause irritation to mucous membranes.
Serious eye damage/eye irritation	Severe eye irritation.
Respiratory / Skin Sensitisation	None.
Carcinogenicity	Classification not possible from current data.
Germ cell mutagenicity	Classification not possible from current data.
Reproductive toxicity	Classification not possible from current data.
Specific target organ toxicity (single exposure)	No data available.
Specific target organ toxicity (repeated exposure)	No data available.
Aspiration hazard	No data available.
Human experience	No data available.

SECTION 12: Ecological information

12.1. Toxicity	May change pH of waters.
Sodium percarbonate (CAS 15630-89-4)	
Ecotoxicity - Freshwater Fish - Acute Toxicity Data	96 h LC50 Pimephales promelas: 70.7 mg/L [static]
Ecotoxicity - Water Flea - Acute Toxicity Data	48 h EC50 Daphnia pulex: 4.9 mg/L (IUCLID)
Sodium carbonate (CAS 497-19-8)	
Ecotoxicity - Freshwater Fish - Acute Toxicity Data	96 h LC50 Lepomis macrochirus: 300 mg/L [static] (EPA)
Ecotoxicity - Water Flea - Acute Toxicity Data	96 h LC50 Pimephales promelas: 310 - 1220 mg/L [static] (EPA) 48 h EC50 Daphnia magna: 265 mg/L (IUCLID)
Citric acid anhydrous (CAS 77-92-9)	
EU - Ecolabel (66/2010) - Detergent Ingredient Database -	Biodegradable under anaerobic conditions.

Anaerobic Degradation	
EU - Ecolabel (66/2010) - Detergent Ingredient Database - Aerobic Degradation	Readily biodegradable according to OECD guidelines.
Ecotoxicity - Freshwater Fish - Acute Toxicity Data	96 h LC50 <i>Lepomis macrochirus</i> : 1516 mg/L [static] (IUCLID)
Sodium dodecylbenzolsulfonate (CAS 25155-30-0)	
Ecotoxicity - Freshwater Fish - Acute Toxicity Data	96 h LC50 <i>Oncorhynchus mykiss</i> : 10.8 mg/L [static]

12.2. Persistence and degradability	The organic components of the product are biodegradable. The methods for determining biodegradability are not applicable to inorganic substances.
12.3. Bioaccumulative potential	Bioaccumulation is unlikely.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	No information available.
12.6. 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.
Contaminated packaging	Empty containers can be recycled or landfilled together with domestic waste.

SECTION 14: Transport information

ADR/RID	Not regulated.
IMDG	Not regulated.
IATA	Not regulated.
Further Information	Not classified as dangerous in the meaning of transport regulations.

SECTION 15: Regulatory information

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

Regulatory Information	The product is classified and labelled according to Regulation (EC) No. 1272/2008. Ingredients according to Regulation (EC) 648/2004/EC: >=15%; <30%: oxygen-based bleaching agents >=5%; <15%: anionic surfactants
Sodium percarbonate (CAS 15630-89-4)	
EU - REACH (1907/2006) - List of Registered Substances	Present
Sodium carbonate (CAS 497-19-8)	
EU - REACH (1907/2006) - List of Registered Substances	Present
Citric acid anhydrous (CAS 77-92-9)	
EU - Biocides (2007/565/EC) - Substances and Product-Types Not to Be Included in Annexes I, IA and IB to Directive 98/8/EC	Product type: 2 Product type: 3
EU - Biocides (1062/2014) - Annex II Part 1 - Supported Substances	60 Product type 1 (201-069-1)
EU - REACH (1907/2006) - List of Registered Substances	Present
Sodium dodecylbenzolsulfonate (CAS 25155-30-0)	
EU - REACH (1907/2006) - List of Registered Substances	Present
15.2. Chemical safety assessment	Not required.

SECTION 16: Other information

Key or legend to abbreviations and acronyms	CLP: Classification according to Regulation (EC) No. 1272/2008 (GHS)
Key literature references and sources for data	Sources of key data used to compile the Safety Data Sheet: REACH, ECHA.
Classification procedure	Calculation method.
Full text of phrases referred to under sections 2 and 3	H272: May intensify fire; oxidiser. H302: Harmful if swallowed. H312: Harmful in contact with skin. H318: Causes serious eye damage. H319: Causes serious eye irritation.
Further information	Take notice of the directions of use on the label.
Instructions for use	Keep away from children.

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.