

# Safety data sheet

according to COMMISSION REGULATION (EU) No 453/2010  
amending Regulation (EC) No 1907/2006 (REACH)



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

### 1.1 Product identifier

Trade name : Claris Smart

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

Identification of the product : Filter cartridge for coffee and hot water dispenser

### 1.3 Details of the supplier of the safety data sheet

Company identification: Aquis Wasser-Luft-System GmbH Lindau, ZN Rebstein  
Balgacherstr. 17  
CH-9445 Rebstein

Contacts: Tel.: + 41 / (0) 71 / 775 95 00  
Fax: + 41 / (0) 71 / 777 16 41  
info@aquis.ch

Emergency telephone: Germany: Giftnotruf der Charité Universität Berlin  
D – 13437, Berlin, Tel.: + 49 / (0)30 / 30686 790

Switzerland: Schweizer Toxikologisches Informationszentrum  
CH - Zürich, Tel.: + 41 / (0)44 / 251 51 51 or 145

Austria: Österreichische Vergiftungs-Informationszentrale  
A - Wien, Tel.: + 43 / (0)1 / 406 43 43

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification : Not classified

#### Classification according to Directive 1999/45/EC [DPD]

Classification : Not classified

### 2.2 Label elements

Hazard pictogram(s) : Not applicable  
Signal word(s) : No signal word  
Hazard statement : No known significant effects or critical hazards  
Additional warning phrases : Not applicable

Precautionary statement : none

### 2.3 Other hazards

Other hazards which do not result in classification : None known

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## SECTION 3: Composition/Information on ingredients

Product definition : mixture

chemical characteristics : light acid granulate, activated carbon, plastic housing

ingredients accord. EU-reference : modified acrylic-copolymer in form of hydrogen, activated carbon, silver, water, polypropylen

dangerous ingredients : none

This product do not contain substances presenting a health or environmental hazard according to the definition of the Directive 67/548/EWG nor substances with collaborative accepted exposure values in concentrations bigger or the same as the specified concentrations described in the Directive 99/45/EG.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

generell information : none

skin contact : It is recommended to wash hands and skin with water.

eye contact : Rinse eyes plenty with of water.

Ingestion : Rinse mouth and drink plenty of water afterwards.

speciall information for the doctor : none

special means for first aid necessary : none

supplementary information : none

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

See section 11 for detailed information

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

See section 11 for detailed information

## SECTION 5: Fire-fighting measures

### 5.1 Extinguishing media

suitable extinguishing media : All common extinguishing media (product itself doesn't burn). Adjust extinguishing measures to surrounding fire.

extinguishing media which must not be used for safety reasons: : none

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## 5.2 Special hazards arising from the substance or mixture

special exposure hazards arising : none  
from the substance, its combustion  
residues or resulting gases

## 5.3 Advice for firefighters

special protective equipment for : Protect body, face and hands.  
fire-fighters

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

personal precautions : slip hazard (dispose material)

### 6.2 Environmental precautions

environmental precautions : none

### 6.3 Methods and material for containment and cleaning up

Absorb or sweep up material and dispose of according

### 6.4 Reference to other sections

: see section 1 for contact information in emergency  
See section 8 for information on appropriate personal  
protective equipment  
See section 13 for additional waste treatment

## SECTION 7: Handling and storage:

### 7.1 Precautions for safe handling

Handling : When utilisation is appropriate there are  
no special measures needed.

### 7.2 Conditions for safe storage, including any incompatibilities

Storage : Hold sac closed until usage.  
Safe against humidity, water, direct insolation and high  
temperatures ( 40°C and more).

### 7.3 Specific end use(s)

Recommendations : Not available  
Industrial sector specific  
solutions

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## SECTION 8: Exposure control/personal protection

### 8.1 Control parameters

Exposure limit values : None

### 8.2 Exposure controls

additional information for the  
composition of technical  
installations : No special measures needed.

constituent substance with  
occupational limits to control : none

personal protection : none

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Form : granulate (mix)  
Color : yellow/black  
Odour : -

flashpoint : not applicable  
ignition temperature : not applicable  
explosion limit : not applicable

density : -  
apparent weight : -  
viscosity : -

solubility in water : insoluble  
pH (20°C), 12°dH : 2,2 g/l: approx. 6,0

### 9.2 Other information

No additional information

## SECTION 10: Stability and reactivity

**10.1 Reactivity** : No specific test data to reactivity available for this product

**10.2 Chemical stability** : The product is stable

**10.3 Possibility of hazardous reactions** : Under normal conditions of storage and use , hazardous reactions will not occur

**10.4 conditions to avoid** : No degradation when appliance is conventional.

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**10.5 materials to avoid** : Not to mix with strong oxidizing acids.

**10.6 hazardous decomposition products** : None, when appliance is conventional.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Not available

## SECTION 12: Ecological information

### 12.1 Toxicity

**Conclusion/Summary** : Not available

### 12.2 Persistence and degradability

**Conclusion/Summary** : Not available

**12.3 Bioaccumulative potential** : Not available

### 12.4 Mobility in soil

**Soil/water partition Coefficient (K<sub>oc</sub>)** : Not available

### 12.5 Results of PBT and vPvB assessment

**PBT** : Not applicable

**vPvB** : Not applicable

**12.6 Other adverse effects** : None

The function of public sewage treatment plants will not get affected, not even by a bigger quantity. The product is biologically inert and not degradable. The product is not water-endangered.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Adequate and orderly obliteration at the responsible department.

Waste key number: 061302 (carbon component)

Recycling through producer.

Disposal of smaller quantities through domestic waste.

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## SECTION 14: Transport information

### 14.1 UN number

ADR/RID :-  
ADN :-  
IMDG :-  
IATA :-

### 14.2 UN proper shipping name

ADR/RID :-  
ADN :-  
IMDG :-  
IATA :-

### 14.3 Transport hazard class(es)/marks

ADR/RID :-  
ADN :-  
IMDG :-  
IATA :-

### 14.4 Packing group

ADR/RID :-  
ADN :-  
IMDG :-  
IATA :-

### 14.5 Environmental hazards

ADR/RID : No  
ADN : No  
IMDG : No  
IATA : No

### 14.6 Special precautions for user/Additional information

ADR/RID : Not regulated  
ADN : Not regulated  
IMDG : Not regulated  
IATA : Not regulated

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not available

#### Hazard notes:

Not dangerous cargo  
Avoid temperatures below -20°C  
Avoid heat above +40 °C  
Keep separated from foodstuffs

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## SECTION 15: Regulatory information

**15.1 Safety, health and environment regulations/legislation specific for the substance or mixture**

**EU Regulation (EC) No. 1907/2006 (REACH)**

**Annex XIV – List of substances subject to authorisation- Substances of very high concern**

None of the components are listed

**Annex XVII – Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles**

Not applicable

No identification according to criterics of Directives 67/548/EWG and 99/45/EG needed.

Water-endangered class WGK: -

**15.2 Chemical Safety assessment**

Not applicable

## SECTION 16: Other informations

With the aforesaid informations, which comply with the status quo of our experience and knowledge, we want to describe our product in the face of possible safety requirements – but we do not connect it with a quality description respectively a warranty of certain attributes.

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