

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

Manufacturer: Aquis Wasser-Luft-System GmbH Lindau, ZN Rebstein
Balgacherstr. 20
CH-9445 Rebstein
Switzerland
Tel.: + 41 / (0) 71 / 775 92 40
info@aquis-filter.ch

1.4 Emergency telephone:

Deutschland: Giftnotruf der Charité Universität Berlin
D – 13437, Berlin, Tel.: + 49 / (0)30 / 30686 700

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

Österreich: 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 | : article under REACH Art. 3 (3) |
| chemical characteristics | : light acid granulate, activated carbon, plastic housing |
| ingredients accord. EU-reference | : modified acrylic-copolymer with carboxylate groups in Na/H-form, 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 with plenty 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 : beige/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

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

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_{oc}) : 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 numbers:

19 00 00 wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use
19 09 00 wastes from the preparation of water intended for human consumption or water for industrial use

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19 09 04 spent activated carbon
19 09 05 saturated or spent ion exchange resins
19 09 99 wastes not otherwise specified

Recycling through producer.
Disposal of smaller quantities through domestic waste (waste key number 20 01 39 plastics)

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

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Hazard notes:

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

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-endangering 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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