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

1.1 Product identifier
Trade name: CLEARYL Smart, Blue, White

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 Information
Company identification: Aquis Wasser-Luft-System GmbH Lindau, ZN Rebstein
Balgacherstr. 20
CH-9445 Rebstein
Contacts: Tel.: + 41 (0) 71 775 92 40
info@aquis-filter.ch
Emergency telephone: not necessary, article under REACH

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

SECTION 3: Composition/Information on ingredients

Product definition: article under REACH Art. 3 (3)

chemical characteristics: granulate, plastic housing
**Safety Information**

Voluntary Safety Information following the Safety Data Sheet format according to Regulation (EC) No 1907/2006 (REACH)

Ingredients accord. EU-reference: modified acrylic-copolymer in form of hydrogen and sodium, activated carbon, silver, water, polypropylene

Dangerous ingredients: Due to the wrapping (solid plastic housing) no direct skin contact, eye contact or ingestion possible

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

**General information:** none

**Skin contact:** Due to the wrapping (solid plastic housing) no direct skin contact, eye contact or ingestion possible

**Eye contact:** Due to the wrapping (solid plastic housing) no direct skin contact, eye contact or ingestion possible

**Ingestion:** Due to the wrapping (solid plastic housing) no direct skin contact, eye contact or ingestion possible

**Special 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

#### 5.2 Special hazards arising from the substance or mixture

**Special exposure hazards arising from the substance, its combustion residues or resulting gases:** none
5.3 Advice for firefighters

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

   personal precautions: none

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 in household waste

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: Protect against humidity, water, direct insolation and high temperatures (40°C and more).

7.3 Specific end use(s)

   Recommendations: Not available

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: light amber/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.

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 Persistance and degradability

Conclusion/Summary: Not available

12.3 Bioaccumulative potential:
Not available

12.4 Mobility in soil

Soil/water partition Coefficient (Koc):
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-endangering.

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
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

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.