

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 : F2300, F3300, F5300

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

Identification of the product : Filter cartridge for coffee-/vending machines

1.3 Details of the supplier of the safety data sheet

Company identification: Aquis Wasser-Luft-Systeme GmbH Lindau, ZN Rebstein
Balgacherstr. 20
CH-9445 Rebstein

Contacts: Tel.: + 41 / (0) 71 / 775 92 40
info@aquis.ch

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

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

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

Owner	Version	Datum	Ersetzt	Dokumenten Bez..	Seite
TRB	V1	06.05.19		MSDS F2300, F3300, F5300_EN	1 von 7

Safety data sheet

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



SECTION 3: Composition/Information on ingredients

Product definition	: article under REACH Art 3. (3)
chemical characteristics	: light acid granulate, activated carbon
ingredients accord. EU-reference	: modified acrylic-copolymer in form of hydrogen, activated carbon, silver, water, polypropylen
dangerous ingredients	: none, 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	: 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 : Water fog, CO₂, Dry Chemical. 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 : No specific fire or explosion hazard
residues or resulting gases

Owner	Version	Datum	Ersetzt	Dokumenten Bez..	Seite
TRB	V1	06.05.19		MSDS F2300, F3300, F5300_EN	2 von 7

Safety data sheet

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



Hazardous Decomposition or Byproducts: CO, CO₂

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 : 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 : 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

SECTION 8: Exposure control/personal protection

8.1 Control parameters

Exposure limit values : None

Owner	Version	Datum	Ersetzt	Dokumenten Bez..	Seite
TRB	V1	06.05.19		MSDS F2300, F3300, F5300_EN	3 von 7

Safety data sheet

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



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

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

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

Owner	Version	Datum	Ersetzt	Dokumenten Bez..	Seite
TRB	V1	06.05.19		MSDS F2300, F3300, F5300_EN	4 von 7

Safety data sheet

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



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

Owner	Version	Datum	Ersetzt	Dokumenten Bez..	Seite
TRB	V1	06.05.19		MSDS F2300, F3300, F5300_EN	5 von 7

Safety data sheet

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



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

Owner	Version	Datum	Ersetzt	Dokumenten Bez..	Seite
TRB	V1	06.05.19		MSDS F2300, F3300, F5300_EN	6 von 7

Safety data sheet

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



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 EU 1907/2006

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.

Owner	Version	Datum	Ersetzt	Dokumenten Bez..	Seite
TRB	V1	06.05.19		MSDS F2300, F3300, F5300_EN	7 von 7