



# Aquaporin Formulation 109

## **SAFETY DATA SHEET**

According to (EC) No. 1907/2006 (and 2020/878)  
Edition No. 1.

Revision date: 27<sup>th</sup> May 2024

Based on: Input SDS F109 Edition No. 1. Revision date: 26 April 2024 Alttox a/s.

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

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### 1.1 Product identifiers

PRODUCT NAME : Formulation 109  
PRODUCT NUMBER : 40600  
UFI No. : Not relevant.

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

This is an aqueous preparation restricted to professional users.

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

Company : Aquaporin A/S  
Nymøllevej 78  
DK-2800, Kgs. Lyngby  
Telephone : +45 82 30 30 82  
E-mail address : [aquaporin@aquaporin.com](mailto:aquaporin@aquaporin.com)

Responsible person for the safety data sheet (e-mail): [aquaporin@aquaporin.com](mailto:aquaporin@aquaporin.com)

### 1.4 Emergency telephone number

Emergency Telephone +44 1235 239670 - Europe - Multi lingual response  
Austria Poison Information Centre (AT): +43-(0)1-406 43 43  
Belgium Poison Centre (BE): +32 70 245 245  
Croatia Poison Control (CR): +385 1 2348 342  
Czech Republic Poison Control (CS): +420 224 919 293, +420 224 915 402  
Denmark Poison Control Hotline (DK): +45 82 12 12 12  
Estonia Poison Control (ET): 16662, (+372) 626 93 90  
Finland Poison Information Centre (FI): +358 9 471 977  
France ORFILA (FR): + 01 45 42 59 59  
Germany Poison Centre Berlin (DE): +49 030 30686 790 (24 h service, Advice in German and English)  
Greece Poison Information Center (EL): (0030) 2107793777  
Hungary Poison Information Service (HU): (+ 36-80) 201-199  
Ireland National Poisons Information Centre: +353 1 8379964  
Iceland Poison Information Center: 543 2222  
Italy Poison Centre, Milan (IT): +39 02 6610 1029  
Latvia Poison Information Center (LV): +371 67042473  
Lithuania Poison Information Office (LT): +370 5236 20 52 or +370 687 53 378  
Luxembourg Belgian Poison Center: (+352) 8002-5500  
Malta: Mater Dei Hospital: + 356 21450000  
Netherlands National Poisons Information Center (NVIC): 030-274 8888  
Norway Poison Center: 22 59 13 00  
Poland Poison Control and Information Centre, Warsaw: +48 22 619 66 54,  
+48 22 619 08 97  
Portugal Poison Information Centre (PT): +351 21 330 3284  
România: Spitalul de Urgenta Floreasca: +40 21 230 8000

Slovensko: National Toxicological Information Centre: +421 2 54 77 4 166  
Slovenija: Poison Centre: + 386 41 650 500  
Spain Poison Information Service (ES): +34 91 562 04 20  
Swiss Toxicological Information Centre: +41 44 251 51 51  
Sweden Giftinformationscentralen, Stockholm: +46 8 33 12 31

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## **SECTION 2: Hazards identification**

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### **2.1 Classification of the substance or mixture**

CLP (1272/2008): No classification.

### **2.2 Label elements**

None.

### **2.3 Other hazards**

PBT/vPvB: No ingredients are PBT/vPvB, according to the criteria set out in Regulation 2023/707.

Endocrine disrupting properties: The substances are not identified as having endocrine disrupting properties in accordance with the criteria set out in Regulation 2023/707.

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## **SECTION 3: Composition / information on ingredients**

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### **3.1 Substance**

Not applicable.

### **3.2 Mixture**

Contains aqueous solution of inorganic salts and no substances needs to be declared.

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## SECTION 4: First Aid Measures

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### 4.1 Description of First-aid measures

- Inhalation: Move the affected person to fresh air. Keep at rest. If needed: Get medical attention.
- Skin contact: Remove contaminated clothing and wash skin with water and mild soap. If irritation persists: Seek medical advice.
- Eye contact: Immediately flush with water or physiological salt water for at least 5 minutes, holding eyelids open, remember to remove contact lenses, if any. If irritation persists: Seek medical advice.
- Ingestion: Rinse mouth and drink plenty of water. In case of discomfort: Seek medical advice.

### 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

Show this safety data sheet to a physician or emergency ward.

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## SECTION 5: Firefighting measures

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### 5.1 Extinguishing media

Not flammable.

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

Not relevant (the product is not combustible).

### 5.3 Advice for firefighters

Do not inhale smoke fumes. When extinguishing surrounding fires use breathing apparatus with an independent source of air.

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## SECTION 6: Accidental release measures

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

Use personal protective equipment - see section 8.

### 6.2 Environmental precautions

Do not empty into drains – see section 12. Inform appropriate authorities in accordance with local regulations.

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

Absorb spilled liquid with inert material and place in a suitable container for disposal. Clean with water. Further handling of spillage - see section 13.

### 6.4 Reference to other sections

See references above

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## SECTION 7: Handling and storage

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### 7.1 Precautions for safe handling

Avoid contact with skin, eyes and clothing. After work, wash hands with water and mild soap.

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

Store in a tightly closed original container at dry and cool conditions: Max. 4°C, no freezing.

### 7.3 Specific end uses(s)

See section 1.

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## SECTION 8: Exposure Control and Personal Protection

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### 8.1 Control parameters

Occupational exposure limits (EH40/2005 with later amendments): None  
DNEL/PNEC: No CSR – no hazardous substances above the trigger limit.

### 8.2 Exposure controls

#### Appropriate engineering controls

None particular.

#### Personal protective equipment

Inhalation: Normally not necessary

Skin: Wear protective gloves of e.g. nitrile or butyl (> 0,11 mm) (EN374).  
Breakthrough time, approx. 3 hours.

Eyes: Wear tight fitting safety goggles (EN ISO 16321-1) when there is a risk of splashes.

Environmental exposure controls: Avoid release to the environment.

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## SECTION 9: Physical and Chemical Properties

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### 9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Colourless
Odour:	Odourless
Melting point/freezing point (°C):	~ 0
Boiling point or initial boiling point and boiling range (°C):	~ 100
Flammability (solid, gas):	Not relevant
Lower and upper explosion limit (vol-%):	Not relevant
Flash point (°C):	> 100
Auto-ignition temperature (°C):	No available data
Decomposition temperature (°C):	No available data
pH:	Neutral

Kinematic viscosity:	No available data
Solubility:	Soluble in water
Partition coefficient n-octanol/water (log value):	No available data
Vapour pressure:	No available data
Density and/or relative density:	~ 1.0
Relative vapour density:	No available data
Particle characteristics:	Not relevant

## 9.2 Other safety information

Not relevant.

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## Section 10. Stability and reactivity

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### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

Stable under the recommended storage conditions - see section 7.

### 10.3 Possibility of hazardous reactions

None known.

### 10.4 Conditions to avoid

Solution should not be frozen.  
Excessive heating.

### 10.5 Incompatible materials

None known.

### 10.6 Hazardous decomposition products.

When heated to high temperatures (decomposition) toxic gasses are formed.

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## SECTION 11: Toxicological information

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### 11.1 Information on toxicological effects

Acute toxicity:	Based on available data, the classification criteria are not met.
Skin corrosion/irritation:	Based on available data, the classification criteria are not met.
Serious eye damage/irritation:	Based on available data, the classification criteria are not met.
Respiratory or skin sensitization:	Based on available data, the classification criteria are not met.
Germ cell mutagenicity:	Based on available data, the classification criteria are not met.
Carcinogenicity:	Based on available data, the classification criteria are not met.
Reproductive toxicity:	Based on available data, the classification criteria are not met.
STOT-single exposure:	Based on available data, the classification criteria are not met.
STOT-repeated exposure:	Based on available data, the classification criteria are not met.
Aspiration hazard:	Based on available data, the classification criteria are not met.

No toxicological hazardous substances above the declaration limit.

Information on likely routes of exposure: Inhalation, skin and ingestion.

Symptoms:

Inhalation:

Particles may cause slight irritation to the airways.

Skin:

May cause slight irritation by prolonged contact with skin.

Eyes:

May cause eye irritation.

Ingestion:

May cause irritation of the gastrointestinal tract, nausea, vomiting and headache.

Chronic effects:

Long term or repeated skin contact may degrease and cause red, dry, cracked and thickened skin.

## 11.2. Information on other hazards:

None known.

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## SECTION 12: Ecological information

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### 12.1. Toxicity:

No ecotoxicological hazardous substances above the declaration limit.

### 12.2. Persistence and degradability:

No available/relevant data.

### 12.3 Bioaccumulative potential:

No available/relevant data.

### 12.4 Mobility in soil:

No available/relevant data.

### 12.5. Results of PBT and vPvB assessment:

No ingredients are PBT/vPvB, according to the criteria set out in Regulation 2023/707.

### 12.6. Endocrine disrupting properties:

None known.

### 12.7. Other adverse

None known.

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## SECTION 13: Disposal considerations

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### 13.1. Waste treatment methods:

The mixture is to be considered as non-hazardous waste. Disposal should be according to local, state or national legislation. Dispose of through authority facilities or pass to chemical disposal company.

**EWC-code:**

16 05 09 (mixture itself)

15 02 03 (Paper towel, inert material etc. contaminated with the mixture)

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## SECTION 14: Transport information

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Not dangerous goods (ADR/RID/IMDG/IATA).

- 14.1. UN number or ID number:** None.
- 14.2. UN proper shipping name:** None.
- 14.3. Transport hazard class(es):** None.
- 14.4. Packing group:** None.
- 14.5. Environmental hazards:** None..
- 14.6. Special precautions for user:** None.
- 14.7. Maritime transport in bulk according to IMO instruments:** Not relevant.

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## SECTION 15: Regulatory information

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- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:**  
None.
- 15.2. Chemical safety assessment:**  
No CSR – no hazardous substances above the trigger limit.

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## SECTION 16: Other information

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**Hazard statements mentioned in section 2 and 3:**  
None.



**Abbreviations:**

ATE = Acute Toxicity Estimates  
CMR = Carcinogenicity, mutagenicity and reproductive toxicity.  
CSR = Chemical Safety Report  
DNEL = Derived No-Effect Level  
EC<sub>50</sub> = Effect Concentration 50%  
FW = Fresh Water  
LC<sub>50</sub> = Lethal Concentration 50%  
LD<sub>50</sub> = Lethal Dose 50%  
PBT = Persistent, Bioaccumulative, Toxic  
PNEC = Predicted No-Effect Concentration  
SVHC = Substances of Very High Concern  
vPvB = very Persistent, very Bioaccumulative

**Literature:**

ECHA = European Chemicals Agency  
EPA Ecotox = The US Environmental Protection Agency's database on ecotoxicological effects for chemicals.

**Training advice:**

No special training is required. However, the user should be well instructed in the execution of his/her task, be familiar with this Safety Data Sheet and have normal training in the use of personal protective equipment.

**Changes since the previous edition:**

Not relevant – first edition

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