

## Material Safety Data Sheet (MSDS) for AsperGenius® 2.0 Species (PN-101) and Resistance TR (PN-201) Multiplex real-time PCR kit

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### 1. Identification of the product and the company

#### A. Product identification

Product name: AsperGenius® 2.0 Species Multiplex real-time PCR kit;  
AsperGenius® 2.0 Resistance TR Multiplex real-time PCR kit

Product number: PN-101 (Species); PN-201 (Resistance TR)

Product form: Mixture (kit)

Components: 2.0 Species PCR mix, 2.0 Resistance TR Primer/Probe mix, Taq polymerase, Dilution buffer, Mastermix, Negative Control, Internal control, 2.0 Species Positive control, 2.0 Resistance 2.0 positive control

#### B. Identified use of the mixture

The AsperGenius® 2.0 Multiplex real-time PCR kits are intended for detection of Aspergillus DNA in clinical samples.

#### C. Supplier details

PathoNostics B.V.  
Randwycksingel 45  
6229 EG Maastricht  
The Netherlands  
Tel: +31(0)43-3030423  
Email: [info@pathonostics.com](mailto:info@pathonostics.com)

#### D. Telephone number for emergencies

+31 (0) 30 274 8888 (Dutch National Poisons Information Centre)  
or contact your local Poisons Information Centre  
112 (Alarm number)

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### 2. Hazards identification

#### A. Classification according to (EC) No. 1272/2008 (CLP)

Not hazardous

#### B. Label elements according to (EC) No.1272/2008

EUH210 Safety data sheet available on request

#### C. Other hazards

No information available

### 3. Composition/information on ingredients

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

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#### 4. First-aid measures

##### A. Description of first-aid measures

**General advice:** if feeling unwell, consult a physician and show the labels where possible.

**Inhalation:** Remove to fresh air. Provide artificial respiration during non-breathing.

**Skin contact:** Wash skin with plenty of water and soap

**Eye contact:** Immediately flush eyes with plenty of water

**Ingestion:** Do not induce vomiting. Take large quantities of water. No oral intake of water if the person is unconscious.

##### B. Most important symptoms/effects

Not expected to present a significant hazard under anticipated conditions or normal use.

##### C. Indication of immediate medical attention and special treatment

No data available.

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#### 5. Fire-fighting measures

##### A. Suitable extinguishing media

Use carbon dioxide, water or dry chemical spray

##### B. Special hazards arising from the substance or mixture

No data available

##### C. Advice for fire fighters

Wear self-contained breathing apparatus and full protective gear to prevent contact with skin and eyes.

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#### 6. Accidental release measures

##### A. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear appropriate personal protective equipment as specified in section 8. Isolate hazard area. Contain and recover liquid when possible.

##### B. Environmental precautions

Avoid further leakage if possible without risk. Collect liquid in appropriate container and transfer to chemical waste container.

##### C. Methods and materials for containment and cleaning up

Collect liquid in appropriate container and transfer to chemical waste container.

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#### 7. Handling and storage

##### A. Precautions for safe handling

Wear personal protective equipment

**B. Conditions for safe storage**

Store at -20 °C in (tightly) closed container. Avoid direct sunlight.

**C. Specific end use(s)**

The AsperGenius® 2.0 Multiplex real-time PCR products are intended for professional use only.

**8. Exposure controls/personal protection**

**A. Control parameters**

No additional information available

**B. Exposure controls**

Respiratory protection: not required for the levels in this product

Eye protection: Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area

Skin protection: wear nitrile rubber or neoprene gloves and a lab coat

**9. Physical and chemical properties**

**A. Information on basic physical and chemical properties**

Kit component	appearance	Odor	pH	Solubility in water
2.0 Species PCR mix	Clear light purple liquid	No information available	No information available	Soluble
2.0 Resistance TR Primer/Probe mix	Clear light purple liquid	No information available	No information available	Soluble
Mastermix	Colorless and transparent liquid	No information available	No information available	No information available
Taq polymerase	Colorless and transparent liquid	No information available	No information available	No information available
Dilution buffer	Colorless and transparent liquid	No information available	No information available	Soluble
Negative Control	Colorless and transparent liquid	No information available	No information available	Soluble
Internal control	Colorless and transparent liquid	No information available	No information available	Soluble
2.0 Species positive control	Colorless and transparent liquid	No information available	No information available	Soluble
2.0 Resistance TR positive control	Colorless and transparent liquid	No information available	No information available	Soluble

There are no data available for melting/freezing point, flash point, vapor pressure, vapor density, volatility, flammability, specific gravity, and auto-ignition temperature.

**B. Other information**

No data available

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**10. Stability and reactivity****A. Reactivity**

No hazardous reactions will occur if used under the specific storage and handling conditions.

**B. Chemical stability**

Stable if stored in accordance with recommended conditions.

**C. Possibility of hazardous reactions**

No hazardous reactions will occur if used under the specific storage and handling conditions.

**D. Conditions to avoid**

None under recommended storage and handling conditions.

**E. Incompatibility - materials to avoid**

No additional information available

**F. Hazardous decomposition or by-products**

No decomposition or by-products will be formed if the kit is stored and used under the specific storage and handling conditions.

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**11. Toxicological information****A. Information on toxicological effect**

Acute toxicity:	No data available
Skin corrosion/irritation:	No data available
Serious eye damage/irritation:	No data available
Respiratory or skin sensitisation:	No data available
Germ cell mutagenicity:	No data available
Carcinogenicity:	No data available
Reproductive toxicity:	No data available
Specific target organ toxicity – single exposure:	No data available
Specific target organ toxicity – repeated exposure:	No data available
Aspiration hazard:	No data available

**B. Route of exposure**

Inhalation: irritation of the respiratory tract

Skin contact: may cause irritation of the skin

Eye contact: may cause eye damage

Ingestion: may be harmful if swallowed

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**12. Ecological information****A. Toxicity**

2.96517% of the mixture consists of components of unknown hazards to the aquatic environment

**B. Persistence and degradability**

Not applicable

**C. Bio accumulative potential**

Not applicable

**D. Mobility in soil**

No data available

**E. Results of PBT and vPvB assessment**

No data available

**F. Other adverse effects**

No data available. Avoid release in to the environment

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**13. Disposal considerations**

Dispose in accordance with local environmental control regulations.

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**14. Transport information****A. UN-number**

Not applicable

**B. UN proper shipping name**

Not applicable

**C. Transport hazard class**

Not applicable

**D. Packing group**

Not applicable

**E. Environmental hazards**

Not applicable

**F. Special precautions for user**

Not applicable

**G. Transport in bulk**

Not applicable

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**15. Regulatory information****A. Safety, health and environmental regulations/legislation specific for the substance of mixture**

No data available

**B. Chemical safety assessment**

No chemical safety assessment has been carried out for the substances of the mixture by the supplier

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**16. Other information****General**

The MSDS has been compiled in accordance with commission regulation (EU) No. 453/2010

**Full text of H and EUH statements**

EUH210      Safety data sheet available on request

DISCLAIMER: This product is for professional use only and should be handled by personnel trained in good laboratory practice and familiar with legal regulation. The above information is based on the current state of our knowledge but does not purport to be all inclusive and should only be used as a guideline for experienced personnel. PathoNostics shall not be held liable for any damage resulting from the handling or from contact with the above described product. The safe use of this product rests entirely with the user.