

# Safety Data Sheet

according to 2001/58/EG

## hyplex Prep Module

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### **1. Identification of the substance/Preparation and company**

#### **1.1 Commercial product name**

hyplex Prep Module (Order-No. 3951)

#### **Use of the substance/preparation**

For extraction of genomic DNA.

#### **1.2 Information manufacturer/supplier**

BAG Health Care GmbH

Amtsgerichtsstr. 1-5

35423 Lich / Germany

Telephone : +49 (0)6404 925-0

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### **2. Composition/information on ingredients**

#### **Chemical characterization (preparation)**

Fluid solution of inorganic and organic components.

#### **Hazard components**

(Full text of each relevant R phrase can be found in heading 16)

EC No.	CAS No.	Components	Quantity	Symbols	R-phrases
200-002-3	50-01-1	guanadine hydrochloride, Guanidinium chloride	< 45 %	Xn, Xi	R22-36/38

### **3. Hazards identification**

#### **Classification**

Indications of danger: Harmful

R-phrases :

Harmful if swallowed.

Irritating to eyes and skin.

#### **Explication of special hazards for human health and environment**

The Product contains material of biological origin and should there fore be handled as potentially infections. Please observe the safety information of the safety data sheet.

### **4. First aid measures**

#### **After inhalation**

Aerosols: Provide with fresh air. Seek medical advice.

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#### After contact with skin

On contact with the skin, wash off immediately with soap and water. Seek medical advice.

#### After contact with eyes

On contact with eyes, rinse the eyes with water with the eyelids open for a sufficient length of time, then seek medical (ophthalmologic) advice immediately.

#### After ingestion

Rinse out mouth and then drink plenty of water. Seek medical advice.

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## **5. Fire-fighting measures**

#### **Suitable extinguishing media**

Water. Foam. Dry powder. Carbon dioxide.

#### **Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**

With heating up or in case of open fire poisonous gases are possible.

#### **Special protective equipment for fire fighters**

Wear self-contained breathing apparatus and protective clothing.

#### **Additional information**

Do not inhale combustible gases.

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## **6. Accidental release measures**

#### **Personal precautions**

Ensure adequate ventilation.

#### **Environmental precautions**

Do not allow to enter drains/surface waters/groundwater. Treat recovered material as prescribed in: Disposal considerations.

#### **Methods for cleaning up/taking up**

Take up buried product. Usual absorbing materials are sufficient. Clean contaminated area with suitable disinfectants.

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## **7. Handling and storage**

### **7.1 Handling**

#### **Advice on safe handling**

Observe the general safety regulations for laboratories. Wear suitable protective clothing, gloves and eye/ face protection. Avoid skin and eye contact. Provide sufficient ventilation.

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#### 7.2 Storage

##### Requirement for storage rooms and vessels

Storage at 20° C – 25° C.

##### Further information on storage conditions

Consider directions for use.

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#### 8. Exposure controls/personal protection

##### 8.1 Exposure limit values

##### Additional advice on control parameters

Not applicable

##### 8.2 Exposure controls

##### Protective and hygiene measures

Please handle as potentially infections. While working wear laboratory coats, eye protection and gloves. Always wash hands with water and soap after test procedure. The glove material must be impervious against the product. Due to missing tests, no recommendations regarding the selection of the glove material can be given.

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#### 9. Physical and chemical properties

##### 9.1 Appearance

Form: fluid

Odour: odourless

##### 9.2 Important health, safety and environmental information

pH Value not applicable  
(at 20 °C)

Water solubility: completely mixable

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#### 10. Stability and reactivity

##### Conditions to avoid

Strong heating above room temperature.

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#### **11. Additional information on tests**

The product has to be handled with the caution usual for chemicals.

#### **12. Ecological information**

Don't dispose to the environment!

#### **13. Disposal considerations**

##### **Advice on disposal**

All reagents, remainder and empty packing, which might contain potentially infectious material, must be inactivated before disposal (e.g. through autoclaving at 121°C). There are no standardized regulations in EEC for disposal and/ or residual substances. Chemicals, which result as residual substances, are usually hazardous waste. Their removal is regulated by appropriate laws and/ or regulations of the EEC-Member countries as well as for the Federal Republic of Germany. Please contact the competent authority (e.g. waste disposal enterprises).

#### **14. Transport information**

The product is not subordinated to the transportation regulation.

#### **15. Regulatory information**

##### **15.1 Labelling**

##### **Indication of danger**

Xn - Harmful

##### **Hazardous component(s) to be indicated on label**

guanadine hydrochloride, guanidinium chloride

##### **R phrases**

22-36/38

Harmful if swallowed.

Irritating to eyes and skin.

##### **15.2 National regulations**

Water contaminating class: 1 – slightly water contaminating

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#### **16. Other informations**

##### **Full text or R-phrases referred to under sections 2 and 3**

22 Harmful if swallowed.  
36/38 Irritating to eyes and skin.

##### **Other data**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. The BAG Health Care GmbH shall not be held liable for any damage resulting from handling or from contact with the above product.

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