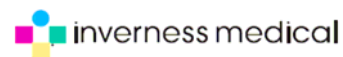


# Material Safety Data Sheet



According to REACH Regulation (EC) No. 1907/2006, Annex II  
Version No. 2

Page 1 of 4

Date of issue: 30 July 2008

Elution Solution

## \*1. Identification of the substance/preparation and of the company/undertaking

### Product details

**Trade name: Elution Solution (for Flu A/B, RSV, Flu A and Flu B Tests)**

**Application of the substance / the preparation:** In vitro diagnostic reagent. For professional use only.

### Manufacturer/Supplier:

#### Manufacturer

Binax, Inc.,  
10 Southgate Road,  
Scarborough,  
Maine 04074, USA.

#### Supplier

Emergo Europe,  
P.O. Box 18510,  
2502 EM The Hague,  
The Netherlands.

Tel: +1 321-441-7200

Tel: (+31) 70 345 8570

Fax: + 1 321-441-7400

Fax: (+31) 70 346 7299

Email: [techsupport@binax.com](mailto:techsupport@binax.com)

**Further information obtainable from:** [www.binax.com](http://www.binax.com) or [www.emergogroup.com](http://www.emergogroup.com)

### Information in case of emergency:

Tel: +1 321-441-7200

## \*2. Hazards identification

### Hazard description:

Preparation not classified as dangerous according to Directive 1999/45/EC.

### Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

## \*3. Composition/information on ingredients

### Chemical characterisation

#### Description:

In vitro diagnostic reagent. Aqueous preparation containing the hazardous components listed below.

### Dangerous components:

Component	CAS No.	EINECS No.	Classification	Concentration
Triton X100	9002-93-1	-	Xn (Xi); R22-41	1 - 2%

### Additional information:

For the wording of the listed risk phrases refer to section 16.

## \*4. First-aid measures

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

#### After skin contact:

Wash with soap and water and rinse thoroughly. Remove soiled clothing and clean before re-use.

#### After eye contact:

Immediately rinse opened eye for several minutes under running water. Consult a doctor in case of complaint.

#### After ingestion:

Wash out mouth with water. Consult a doctor in case of complaint.

# Material Safety Data Sheet

## 5. Fire-fighting measures

### Suitable extinguishing agents:

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
Use fire-extinguishing methods suitable to surrounding conditions.

### Special hazards caused by the substance, its products of combustion or resulting gases:

In case of fire, the following can be released: carbon oxides (CO<sub>x</sub>).

### Protective equipment:

Wear full protective suit and self-contained respiratory protective device when extinguishing fires.

## 6. Accidental release measures

### Person-related safety precautions:

Isolate spillage and clean up immediately.  
Refer to Section 8 for protective measures when handling the spillage.

### Measures for environmental protection:

Do not allow the undiluted product to enter sewers/surface or ground water.

### Measures for cleaning/collecting:

Absorb with liquid-binding material (paper towelling, sand, diatomite, acid binders, universal binders, sawdust)  
Dispose of contaminated material as waste according to Section 13.  
Rinse off area with water.

## 7. Handling and storage

### Information for safe handling:

Observe the general safety regulations when handling chemicals.  
Avoid contact with the eyes, skin and mucous membranes.

### Storage:

Store in the original container at 15...30°C.

### Requirements to be met by storerooms and receptacles:

No special requirements.

## 8. Exposure controls/personal protection

### Ingredients with limit values that require monitoring in the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.

### Additional information:

The lists valid during the creation of this MSDS were used as a basis for this assessment.

### General protective and hygienic measures:

Adhere to good laboratory practices (GLP).  
Wash hands before breaks and at the end of work.

### Personal protective equipment

**Respiratory protection:** Not required.

**Protection of hands:** Disposable gloves.

**Material of gloves:** Latex/natural rubber.

**Penetration time of glove material:** Gloves resistance is not critical when the product is handled according to the instructions for use.

**Eye protection:** Safety glasses recommended.

**Body protection:** Lab coat.

# Material Safety Data Sheet

Elution Solution

## 9. Physical and chemical properties

### General Information

**Form:** Liquid

**Colour:** Colourless

**Odour:** Odourless

### Change in condition

**Melting point/Melting range:** Similar to water, approximately 0°C.

**Boiling point/Boiling range:** Similar to water, approximately 100°C.

**Flash point:** Not applicable.

**Self-igniting:** Product is not self-igniting.

**Danger of explosion:** Product does not present an explosion hazard.

**Vapour pressure:** Similar to water, approximately 23 hPa.

**Density at 20°C:** approximately 1.0 g/cm<sup>3</sup>

### Solubility in/Miscibility with:

**Water:** Fully miscible.

**pH-value at 20°C:** Not available

## 10. Stability and reactivity

**Stability:** The product is stable in accordance with the recommended storage conditions.

**Materials to be avoided:** strong acids, strong bases, strong oxidizers.

**Hazardous reactions:** No hazardous reactions known.

**Hazardous decomposition products:** No dangerous decomposition products known.

## \*11. Toxicological information

### Acute toxicity:

Quantitative data on the toxic effects of this product is not available.

### Primary effects

**After skin contact:** No harmful effects anticipated.

**After eye contact:** May cause mild irritation.

**After ingestion:** No harmful effects anticipated.

**Sensitization:** No sensitising effects anticipated.

## 12. Ecological information

### Ecotoxic Effects:

Quantitative data on the toxic effects of this product are not available.

No ecological problems are to be expected when the product is handled and used with due care and attention.

## 13. Disposal considerations

### Product:

Chemical residues and remains should be routinely handled as special waste. Elution solution that has been used for specimen extraction should be disposed of as potentially biohazardous material in compliance with anti-pollution and other laws of the country concerned. To ensure compliance we recommend that you contact the relevant (local) authorities and/or an approved waste-disposal company for information.

### European waste catalogue:

18 01 03 wastes whose collection and disposal is subject to special requirements in order to prevent infection

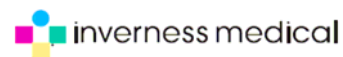
### Packaging:

Disposal must be made in accordance with local waste management regulations.

Contaminated packaging must be disposed of in the same manner as the product.

Non-contaminated packaging materials may be recycled. Contact your local service providers for further information.

# Material Safety Data Sheet



According to REACH Regulation (EC) No. 1907/2006, Annex II  
Version No. 2

Page 4 of 4

Date of issue: 30 July 2008

Elution Solution

## 14. Transport information

### Land transport ADR/RID (cross-border):

Not regulated for transport.

### Maritime transport IMDG:

Not regulated for transport.

**Marine pollutant:** No

### Air transport ICAO-TI and IATA-DGR:

Not regulated for transport.

## \*15. Regulatory information

### Labelling according to EU guidelines

### Special labelling of certain preparations:

Safety data sheet available for professional user on request.

**Water Hazard Class (Germany):** WGK – not hazardous for water.

## \*16. Other information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

### Relevant R-phrases:

22 Harmful if swallowed.

41 Risk of serious damage to eyes.

### Reason for Update:

Change in formulation and classification

General update in accordance with the REACH regulation.

\* Indicates altered section.

**Supersedes:** Version 1

**Prepared by:** Dr. J. J. Tobin, ChemHaz Solutions, Email: [info@chemhazsolutions.com](mailto:info@chemhazsolutions.com)