



# Material Safety Data Sheet

According to Regulation (EC). No. 1907/2006/EC + amendment 453/2010/EC

Version 01

Revision 30.12.2014

Printing date 30.12.2014

**Useable for:**

**IB89190      Kynurenine ELISA**

**These Assays contain no hazardous substances in concentrations to be declared, a labelling is not required.**



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

- **Product identifier**
- **Trade name:** (See page 1)
- **Article number:** (See page 1)
- **Application of the substance / the preparation:** laboratory reagent / Immunoassay  
The product is intended for professional use.
- **Details of the supplier of the safety data sheet**
- **Supplier:**  
Immuno-Biological Laboratories, Inc.  
8201 Central Ave NE, Suite P  
Minneapolis, Minnesota 55432  
Tel: 763-780-2955  
Fax: 763-780-2988  
www.ibl-america.com

## 2 Hazards identification

- **Classification of the substance or mixture**  
These assays contain no substances which are classified as dangerous according to European Union legislation.
- **Label elements**
- **Labelling (REGULATION (EC) No 1272/2008)**  
Not dangerous substances according to GHS.
- **Labelling (67/548/EEC or 1999/45/EC)**  
The product does not need to be labelled in accordance with EC directives or respective national laws.
- **Other hazards**  
None known.

## 3 Composition/information on ingredients

- **Chemical characterization:** Mixtures Preparation
- **Remarks:** No dangerous ingredients according to Regulation (EC) No.1907/2006
- **Additional information**  
For the wording of the listed risk phrases refer to section 16.

## 4 First aid measures

- **Description of first aid measures**
- **After inhalation:** fresh air.
- **After skin contact:** wash off with plenty of water. Remove contaminated clothing.
- **After eye contact:** rinse out with plenty of water.
- **After swallowing**  
make victim drink water (two glasses at most). Consult doctor if feeling unwell.
- **Most important symptoms and effects, both acute and delayed**  
Nausea, Vomiting
- **Indication of any immediate medical attention and special treatment needed**  
No information available.



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## 5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents**  
*Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.*
- **For safety reasons unsuitable extinguishing agents**  
*For this substance/mixture no limitations of extinguishing agents are given.*
- **Special hazards arising from the substance or mixture**  
*Not combustible.*
- **Advice for firefighters**  
*none*
- **Further information**  
*Prevent fire extinguishing water from contaminating surface water or the ground water system.*

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
*Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert.*  
*Advice for emergency responders: Protective equipment see section 8.*
- **Environmental precautions:**  
*Do not empty into drains.*
- **Methods and material for containment and cleaning up:**  
*Cover drains. Collect, bind, and pump off spills.*  
*Observe possible material restrictions (see sections 7 and 10).*  
*Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.*
- **Reference to other sections**  
*Indications about waste treatment see section 13.*

## 7 Handling and storage

- **Handling**
- **Precautions for safe handling**  
*Observe label precautions.*
- **Information about fire - and explosion protection:**  
*Keep ignition sources away - Do not smoke.*  
*Protect against electrostatic charges.*  
*Keep respiratory protective device available.*
- **Conditions for safe storage, including any incompatibilities**  
*Tightly closed. Dry.*
- **Storage temperature**  
*no restrictions.*
- **Specific end use(s)**  
*Apart from the uses mentioned in section 1 no other specific uses are stipulated.*



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## 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**

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

- **Additional information:** The lists valid during the making were used as basis.

- **Exposure controls**

- **Personal protective equipment**

- **General protective and hygienic measures**

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Store protective clothing separately. Avoid contact with the eyes.

Avoid contact with the eyes and skin.

- **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

- **Protection of hands:**

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

The quality of the protective gloves must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**

Tightly sealed goggles.

- **Body protection:** lab coat



## 9 Physical and chemical properties

- Refer to section 1, 2 and 3.

## 10 Stability and reactivity

- **Reactivity**

- **Chemical stability**

The product is chemically stable under standard ambient conditions (room temperature).

- **Possibility of hazardous reactions** No dangerous reactions known

- **Conditions to avoid** No further relevant information available.

- **Incompatible materials:** No further relevant information available.

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



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## 11 Toxicological information

### Information on toxicological effects

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect known.
- **on the eye:** No irritant effect known.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
*The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.*

## 12 Ecological information

- **Toxicity**
- **Acquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

## 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**  
*Must be specially treated adhering to official regulations.*
- **Uncleaned packaging:**
- **Recommendation:**  
*Dispose of packaging according to applicable local, state, and federal regulations. Packagings that may not be cleansed are to be disposed of in the same manner as the product.*

## 14 Transport information

- Not classified as dangerous in the meaning of transport regulations



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## 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **EU regulations**
  - Major Accident Hazard 96/82/EC
  - Legislation Directive 96/82/EC does not apply
- **National legislation**
  - Storage class 10 - 13
- **Chemical safety assessment:**
  - A Chemical Safety Assessment has not been carried out.

## 16 Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship*

- **Relevant phrases**
  - No dangerous ingredients according to Regulation (EC) No.1907/2006
- **Department issuing MSDS:** Safety Representative
- **Contact:** IBL-America