

# SAFETY DATA SHEET

Version: v1  
Revision Date: 2023-11-07  
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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifiers

Product name : ELISA Substrates for horseradish peroxidase (HRP)  
Product Number : E491186  
Brand : aladdin  
CAS-No. : no data available

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

Identified uses : It is only for scientific research purposes, not for medicine, family standby medicine or other purposes.

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

Company : Shanghai Aladdin Biochemical Tech Co.,Ltd  
Address : 36 Xinjinqiao Road, Shanghai  
Telephone : 400-620-6333  
Fax : no data available

### 1.4 Emergency telephone number

Emergency Phone : 0532-83889090

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

### 2.2 GHS Label elements, including precautionary statements

Pictogram : no data available  
Signal word : no data available  
Hazard statement(s)  
Precautionary statement(s)

### 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Synonyms : no data available

Formula : no data available  
Molecular weight : no data available  
CAS No. : no data available  
EC-NO. : no data available

| Component  | Classification    | Concentration |
|--|-------------------|---------------|
| <b>ELISA Substrates for horseradish peroxidase (HRP)</b> |                   |               |
|  | no data available | fast2         |

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General advice

no data available

#### If inhaled

Provide fresh air.

#### In case of skin contact

Wash with plenty of water.

#### In case of eye contact

Rinse immediately carefully and thoroughly with eye-bath or water.

#### If swallowed

Rinse mouth thoroughly with water.

### 4.2 Most important symptoms and effects, both acute and delayed

no data available

### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Foam Dry, extinguishing powder, Carbon dioxide (CO<sub>2</sub>)

#### Unsuitable extinguishing media

Full water jet

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

Carbon monoxide, Carbon dioxide (CO<sub>2</sub>), Nitrogen oxides (NO<sub>x</sub>)

### 5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

## 5.4 Further information

Use water spray to cool unopened containers.

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## SECTION 6: Accidental release measures

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

no data available

### 6.2 Environmental precautions

no data available

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

no data available

### 6.4 Reference to other sections

no data available

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

no data available

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

Store in a cool, ventilated warehouse. Store at 2-8°C.

### 7.3 Specific end use(s)

no data available

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

### 8.2 Exposure controls

#### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### Personal protective equipment

##### Eyeface protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN166(EU).

##### Skin protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four

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control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Suitable material: NBR (Nitrile rubber) Thickness of the glove material  $\geq 0.1$  mm

#### **Body Protection**

Complete suit protecting against chemicals, Flame retardant antistatic protective clothing., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### **Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a fullface respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### **Control of environmental exposure**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

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## **SECTION 9: Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties**

|   |   |
|---|---|
| a) Appearance                                   | form: Liquid color: colorless-pale blue |
| b) Odour  | no data available                       |
| c) Odour Threshold                              | no data available                       |
| d) pH   | no data available                       |
| e) Melting point/freezing point                 | no data available                       |
| f) Initial boiling point and boiling range      | no data available                       |
| g) Flash point                                  | no data available                       |
| h) Evaporation rate                             | no data available                       |
| i) Flammability (solid, gas)                    | no data available                       |
| j) Upper/lower flammability or explosive limits | no data available                       |
| k) Vapour pressure                              | no data available                       |
| l) Vapour density                               | no data available                       |
| m) Relative density                             | no data available                       |
| n) Water solubility                             | no data available                       |
| o) Partition coefficient: n-octanol/water       | no data available                       |
| p) Auto-ignition temperature                    | no data available                       |
| q) Decomposition temperature                    | no data available                       |
| r) Viscosity                                    | no data available                       |
| s) Explosive properties N                       | no data available                       |
| t) Oxidizing properties N                       | no data available                       |

### **9.2 Other safety information**

no data available

## **SECTION 10: Stability and reactivity**

### **10.1 Reactivity**

no data available

### **10.2 Chemical stability**

This product is stable on storage at normal ambient temperature.

### **10.3 Possibility of hazardous reactions**

no data available

### **10.4 Conditions to avoid**

Keep away from heat sources. Avoid sunlight

### **10.5 Incompatible materials**

no data available

### **10.6 Hazardous decomposition products**

no data available

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## **SECTION 11: Toxicological information**

### **11.1 Information on toxicological effects**

#### **Acute toxicity**

#### **Skin corrosion/irritation**

no data available

#### **Serious eye damage/eye 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

## Additional Information

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### SECTION 12: Ecological information

#### 12.1 Toxicity

#### 12.2 Persistence and degradability

no data available

#### 12.3 Bioaccumulative potential

no data available

#### 12.4 Mobility in soil

no data available

#### 12.5 Results of PBT and vPvB assessment

no data available

#### 12.6 Other adverse effects

no data available

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### SECTION 13:

#### 13.1 Disposal considerations

##### Product

no data available

##### Contaminated packaging

Dispose of as unused product.

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### SECTION 14: Transport information

#### DOT (US)

UN number: no data available

Packing group: no data available

Class: no data available

Proper shipping name: Non-dangerous goods

Reportable Quantity(RQ): no data available

Poison Inhalation Hazard: no data available

Environmental Hazards: no

#### IMDG

UN number: no data available

Packing group: no data available

EMS-No: no data available

Proper shipping name: Non-dangerous goods

#### IATA

UN number: no data available

Packing group: no data available

Class: no data available

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Proper shipping name: Non-dangerous goods

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## **SECTION 15: Regulatory information**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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## **SECTION 16: Other information**

### **Further information**

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