



## Nampt (Visfatin/PBEF) (mouse/rat) Dual ELISA Kit [Y]

Revision 0

Revision date 2015-06-16

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

|              |  |
|--------------|--|
| Product name | Nampt (Visfatin/PBEF) (mouse/rat) Dual ELISA Kit [Y] |
| Product code | IB99527  |

**1.3. Details of the supplier of the safety data sheet**

|           |  |
|-----------|--|
| Company   | Immuno-Biological Laboratories, Inc. (IBL-America)           |
| Address   | 8201 Central Avenue NE, Suite P<br>Minneapolis, MN 55432 USA |
| Web       | www.ibl-america.com  |
| Telephone | (888) 523-1246   |
| Fax       | (763) 780-2988   |
| Email     | info@ibl-america.com   |

**1.4. Emergency telephone number**

|                            |   |
|----------------------------|---|
| Emergency telephone number | In the event of a medical emergency, please dial 911. |
|----------------------------|---|

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

|              |                       |
|--------------|-----------------------|
| Main hazards | No Significant Hazard |
|--------------|-----------------------|

**2.2. Label elements**

|              |                       |
|--------------|-----------------------|
| Risk phrases | No Significant Hazard |
|--------------|-----------------------|

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****67/548/EEC / 1999/45/EC**

| Chemical Name                              | Index No.    | CAS No.   | EC No.    | REACH Registration Number | Conc. (%w/w) | Classification | M-factor. |
|--|--------------|-----------|-----------|---------------------------|--------------|----------------|-----------|
| Sulphuric acid...% (Sulphuric acid (mist)) | 016-020-00-8 | 7664-93-9 | 231-639-5 |                           | 1 - 10%      | C; R35         |           |

**EC 1272/2008**

| Chemical Name                              | Index No.    | CAS No.   | EC No.    | REACH Registration Number | Conc. (%w/w) | Classification       | M-factor. |
|--|--------------|-----------|-----------|---------------------------|--------------|----------------------|-----------|
| Sulphuric acid...% (Sulphuric acid (mist)) | 016-020-00-8 | 7664-93-9 | 231-639-5 |                           | 1 - 10%      | Skin Corr. 1A: H314; |           |

**SECTION 4: First aid measures****4.1. Description of first aid measures**

|            |  |
|------------|--|
| Inhalation | Inhalation of vapour may cause shortness of breath. Move the exposed person to fresh air. Seek |
|------------|--|

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## 4.1. Description of first aid measures

|              |   |
|--------------|---|
| Eye contact  | medical attention.<br>Causes burns. Causes severe inflammation and may damage the cornea. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| Skin contact | Causes burns. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.                               |
| Ingestion    | Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.                                |

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|  |  |
|--|--|
|  | Use as appropriate: Carbon dioxide (CO <sub>2</sub> ), Dry chemical, Foam. |
|--|--|

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

|  |  |
|--|--|
|  | Corrosive. Burning produces irritating, toxic and obnoxious fumes. |
|--|--|

### 5.3. Advice for firefighters

|  |   |
|--|---|
|  | Wear suitable respiratory equipment when necessary. |
|--|---|

## SECTION 6: Accidental release measures

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

|  |   |
|--|---|
|  | Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective equipment. |
|--|---|

### 6.2. Environmental precautions

|  |   |
|--|---|
|  | Do not allow product to enter drains. Prevent further spillage if safe. |
|--|---|

### 6.3. Methods and material for containment and cleaning up

|  |   |
|--|---|
|  | Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. |
|--|---|

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|  |  |
|--|--|
|  | Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. |
|--|--|

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

|  |  |
|--|--|
|  | Keep in a cool, dry, well ventilated area. Keep containers tightly closed. |
|--|--|

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Exposure Limit Values

|  |  |  |
|--|--|--|
| Sulphuric acid...% (Sulphuric acid (mist)) | WEL 8-hr limit ppm: -                    | WEL 8-hr limit mg/m <sup>3</sup> : 0.05    |
|  | WEL 15 min limit ppm: -                  | WEL 15 min limit mg/m <sup>3</sup> : -     |
|  | WEL 8-hr limit mg/m <sup>3</sup> total - | WEL 15 min limit mg/m <sup>3</sup> total - |
|  | inhalable dust:                          | inhalable dust:                            |
|  | WEL 8-hr limit mg/m <sup>3</sup> total - | WEL 15 min limit mg/m <sup>3</sup> total - |
|  | respirable dust:                         | respirable dust:                           |


### 8.2. Exposure controls

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## 8.2. Exposure controls

|   |   |
|---|---|
|   |  |
| 8.2.1. Appropriate engineering controls | Ensure adequate ventilation of the working area.                                  |
| 8.2.2. Individual protection measures   | Wear chemical protective clothing.  |
| Eye / face protection                   | Approved safety goggles.  |
| Skin protection - Handprotection        | Chemical resistant gloves (PVC).  |
| Respiratory protection                  | Wear: Self-contained breathing apparatus.   |

## SECTION 9: Physical and chemical properties

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

|            |              |
|------------|--------------|
| Appearance | Liquid/Solid |
|------------|--------------|

## SECTION 10: Stability and reactivity

### 10.2. Chemical stability

|  |                                 |
|--|---------------------------------|
|  | Stable under normal conditions. |
|--|---------------------------------|

### 10.3. Possibility of hazardous reactions

|  |                         |
|--|-------------------------|
|  | Finely powdered metals. |
|--|-------------------------|

### 10.4. Conditions to avoid

|  |               |
|--|---------------|
|  | Strong bases. |
|--|---------------|

### 10.6. Hazardous decomposition products

|  |                 |
|--|-----------------|
|  | Sulphur oxides. |
|--|-----------------|

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                |  |
|----------------|--|
| Acute toxicity | Irritating to eyes, respiratory system and skin. Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract. May cause severe internal injury. Inhalation may cause coughing and shortness of breath. |
|----------------|--|

### 11.1.4. Toxicological Information

|  |                   |
|--|-------------------|
|  | No data available |
|--|-------------------|

## SECTION 12: Ecological information

### 12.1. Toxicity

|  |                   |
|--|-------------------|
|  | No data available |
|--|-------------------|

### Further information

|  |  |
|--|--|
|  | The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms. |
|--|--|

## SECTION 13: Disposal considerations

### General information

|  |   |
|--|---|
|  | Dispose of in compliance with all local and national regulations. |
|--|---|

## SECTION 14: Transport information

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## 14.1. UN number

|  |  |
|--|--|
|  | The product is not classified as dangerous for carriage. |
|--|--|

## 14.2. UN proper shipping name

|  |  |
|--|--|
|  | The product is not classified as dangerous for carriage. |
|--|--|

## 14.3. Transport hazard class(es)

|  |  |
|--|--|
|  | The product is not classified as dangerous for carriage. |
|--|--|

## 14.4. Packing group

|  |  |
|--|--|
|  | The product is not classified as dangerous for carriage. |
|--|--|

## 14.5. Environmental hazards

|  |  |
|--|--|
|  | The product is not classified as dangerous for carriage. |
|--|--|

## 14.6. Special precautions for user

|  |  |
|--|--|
|  | The product is not classified as dangerous for carriage. |
|--|--|

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

|  |  |
|--|--|
|  | The product is not classified as dangerous for carriage. |
|--|--|

## SECTION 15: Regulatory information

## SECTION 16: Other information

## Other information

|  |  |
|--|--|
| Text of risk phrases in Section 3      | R35 - Causes severe burns.                                     |
| Text of Hazard Statements in Section 3 | Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. |

## General information

|  |   |
|--|---|
|  | Kit Components. 1 plate coated with Capture Antibody. 2 bottles Wash Buffer 10X. 2 bottles ELISA Buffer 10X. 1 vial Detection Antibody. 1 vial HRP 100X Detector. 1 vial Standard Protein (lyophilized). 1 bottle TMB Substrate Solution. 1 bottle Stop Solution. |
|--|---|

## Further information

|  |  |
|--|--|
|  | The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. |
|--|--|