

## Material Safety Data Sheet for Purified *Bordetella pertussis* filamentous haemagglutinin (FHA)

### SECTION I - BIOLOGICAL SAMPLE

**NAME:** Purified *Bordetella pertussis* filamentous haemagglutinin (FHA)

**CHARACTERISTICS:** Sample is of biological origin and is presented as a white lyophilized solid in a glass vial. Each vial contains no more than 1mg. Additional components present are 0.05M tris-HCl buffer at pH8, 0.5M sodium chloride and 5% sucrose.

### SECTION II - HEALTH HAZARD

**Main Hazard:** Cell adhesin, illicit an immune response

Health Effects: -      Eyes: Unknown  
                                 Skin: Unknown  
                                 Ingestion: Illicit immune response  
                                 Inhalation: Illicit immune response

### SECTION III - MEDICAL

#### FIRST AID/TREATMENT:

**Eyes:** Flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating eyelids with fingers. Contact physician immediately.

**Skin:** Flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Contact physician immediately.

**Ingestion:** Wash out mouth with water provided that the person is conscious. Contact physician immediately.

**Inhalation:** Take in fresh air, if breathing becomes difficult. Contact physician immediately.

### SECTION IV - RECOMMENDED PRECAUTIONS

**LABORATORY CONTROL MEASURES:** Good Laboratory Practice should be observed.

**RESPIRATORY PROTECTION:** None required

**HAND PROTECTION:** Latex or nitrile gloves

**EYE PROTECTION:** Safety spectacles/goggles

### SECTION V – HANDLING & STORAGE INFORMATION

**HANDLING:** Can be used on bench, handle with gloves.

**DISPOSAL:** Dispose as clinical waste. Can be inactivated by heating to 100°C for 30 minutes.



**STORAGE:** In sealed containers that are appropriately labeled. Shipped at 4°C and recommended storage at 4°C on arrival.

**STABILITY:** May lose stability if not kept refrigerated

**CONDITIONS TO AVOID:** Excessive heat

## SECTION VI – ACCIDENTAL RELEASE

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**PERSONAL PRECAUTIONS:** Avoid contact. Wear protective clothing such as mask and safety glasses

**SPILLAGE:** Absorb spillage. Wash with soapy water.

## SECTION VII - TRANSPORT DETAILS

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**AIR TRANSPORT:** Permitted, no restrictions.

**ROAD TRANSPORT:** Permitted, no restrictions.

**RAIL TRANSPORT:** Permitted, no restrictions.

## SECTION VIII - MISCELLANEOUS INFORMATION

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**Date prepared:** 18 January, 2012

**Prepared by:** The Native Antigen Company

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