



Animal and Plant Health Agency  
Weybridge  
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United Kingdom

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[www.gov.uk/apha](http://www.gov.uk/apha)

## Material Safety Data Sheet

### 1. Reagent / Product and Company Identification

**Product name:** Salmonella Agglutinating Serum  
**Product code:** PL6000 - 6041 and PL6100 – 6157  
PL6600 – PL6678

**Use/description of product:** For use in the serological identification of organisms belonging to the genus Salmonella according to the Kauffmann – White classification.

**Company name:** APHA  
New Haw,  
Addlestone,  
Surrey,  
KT15 3NB  
Telephone: 01932 341111  
Fax: 01932 347046  
Email: [salesdesk@APHA.gsi.gov.uk](mailto:salesdesk@APHA.gsi.gov.uk)

### 2. Composition / Information on Ingredients

Polyclonal rabbit serum containing salmonella antibodies to a specific antigen or pool of antigens preserved with thiomersal at a concentration of 0.01%.

### 3. Hazards Identification

**Main hazards:** Thiomersal (0.01%).

The safety risks associated with using this product are due to the preservative Thiomersal. This is a highly toxic mercury based compound and is present in the antiserum at a concentration of 0.01%. Although the amount used is minimal, safety precautions should be taken in handling, processing and discarding the reagent. Please refer to the separate MSDS for Thiomersal.

**Routes of entry:** Skin contact, ingestion, eye contact

**Other hazards:** N/A

**Carcinogenic effects:** N/A

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**Mutagenic effects:** N/A  
**Teratogenic effects:** N/A  
**Developmental toxicity:** N/A

#### 4. First Aid Measures (Symptoms)

**Skin contact:** Contact with skin may cause irritation.

**Eye contact:** Splash in eye.

**Ingestion:** Accidental ingestion.

**Inhalation:** N/A

#### 4. First Aid Measures (Action)

**Skin contact:** Wash area thoroughly with soapy water.

**Eye contact:** Flush eyes with copious amounts of clean water for 15 minutes, seek medical advice if necessary.

**Ingestion:** If swallowed, do not induce vomiting, wash out mouth with water. Seek medical advice.

**Inhalation:** N/A

#### 5. Fire-Fighting Measures

**Extinguishing media:** Non- flammable material

**Exposure hazards:** None

**Protection of fire-fighters:** N/A

#### 6. Accidental Release Measures

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

**Environmental precautions:** Do not discharge into drains or rivers.

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**Clean-up procedures:** If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise absorb spilled liquid with a suitable inert material

## 7. Handling and Storage

**Handling requirements:** Protect against physical damage.

**Storage conditions:** Store at 2-8°C.

**Suitable packaging:** Pack in suitable materials to avoid breakage.

## 8. Exposure Controls / Personal Protection

**Hazardous ingredients:** Thiomersal (0.01%)

**Engineering measures:** None required.

**Respiratory protection:** None required.

**Hand protection:** Use impervious gloves.

**Eye protection:** None required.

**Skin protection:** Laboratory coat.

## 9. Physical and Chemical Properties

**State:** Liquid

**Colour:** Clear yellow coloured liquid

**Oxidising:** Non- oxidising.

**Solubility in water:** Soluble

**Also soluble in:** N/A

**Flash point:** N/A

**Vapour pressure:** N/A

## 10. Stability and Reactivity

**Stability:** Stable when stored between 2-8°C

**Conditions to avoid:** N/A

**Materials to avoid:** N/A

**Hazardous decomposition products:** N/A



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## 11. Toxicological Information

**Hazardous ingredients:** Thiomersal 0.01% (see section 3)

**Routes of exposure:** N/A

## 12. Ecological Information

**Hazardous ingredients:** Thiomersal 0.01% (see section 3)

**Mobility:** N/A

**Persistence and degradability:** N/A

**Bio-accumulative potential:** N/A

**Other adverse effects:** N/A

## 13. Disposal Considerations

**Disposal operations:**

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Disposal of packaging:** As above.

## 14. Transport Information

### ADR/RID

**UN no:** N/A

**Packing group:**

**Shipping name:**

**Labelling:**

**ADR Class:**

**Classification code:**

**Hazard ID no:**

### IMDG/IMO

**UN no:** N/A

**Class:**

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**Packing group:**  
**Marine pollutant:**

**EmS:**  
**Labelling:**

IATA/ICAO

**UN no:** N/A  
**Packing group:**

**Class:**  
**Packing Instructions:**

## 15. Regulatory Information

**Risk phrases:** N/A

**Safety phrases:**

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national and international and local regulations or provisions.

## 16. Other Information

**Other information:** N/A

**Legal disclaimer:**

Although the information, opinions and recommendations contained in this Material Safety Data Sheet are compiled from sources believed to be reliable, we accept no responsibility for the accuracy, sufficiency, or reliability or for any loss or injury resulting from the use of the information. Newly discovered hazards are frequent and this information may not be completely up to date. If in doubt seek medical advice.

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