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## **MATERIAL SAFETY DATA SHEET**

### Section 1: Identification of Substance / Preparation:

Monoclonal Antibodies 4D3, 7D3, 9G8 and 7F11 in buffer solution.  
Catalogue Numbers: 4D001, 4D005, 4D100, 7D001, 7D005, 7D100, 9G001, 9G005, 9G100, 7F001, 7F005 and 7F100  
Polyclonal Antibodies Poly A and Poly B in buffer solution.  
Catalogue Numbers: PA001, PA005, PA100, PB001, PB005 and PB100

### Section 2: Composition / Information on Ingredients:

Active Ingredient: Monoclonal Antibodies (anti Gyrase A and anti Gyrase B) , CAS: None  
Other ingredients in water: (volume of each product package varies from 0.1-1.0ml)  
0.8% Sodium Chloride (NaCl), CAS 7647-14-5  
0.02% Potassium Chloride (KCl), CAS 7447-40-7  
0.14% di-Sodium Hydrogen Phosphate (Na<sub>2</sub>HPO<sub>4</sub>), CAS 7558-79-4  
0.02% Potassium di-Hydrogen Phosphate (KH<sub>2</sub>PO<sub>4</sub>), CAS 7778-77-0  
0.01% Sodium Azide (NaN<sub>3</sub>), CAS 26628-22-8

### Section 3: Hazards Identification:

Ingredients are either not classified as dangerous according to EC Directives, or not considered to be hazardous in the very low quantities/concentrations present.

### Section 4: First Aid Measures:

In case of contact with skin, wash immediately with soap and water. Remove contaminated clothing. In severe cases seek medical attention. In case of contact with eyes, flush with water and seek medical advice. If swallowed, wash out mouth with water and give plenty of water to drink. Seek medical advice immediately.

### Section 5: Fire Fighting Measures:

Suitable extinguishing media: Powder, water, carbon dioxide, dry sand. Wear breathing apparatus and protective clothing to avoid all contact with skin and eyes. Due to small quantities, no special measures apply. No generation of hazardous or toxic gases in dangerous quantities.

### Section 6: Accidental Release Measures:

Wear appropriate protective clothing. Absorb onto sand or vermiculite and place in closed container for disposal. Wash spillage site with water.

### Section 7: Handling and Storage:

Avoid prolonged contact with copper or lead especially in drainage systems, or mercury or other heavy metals which may result in the formation of explosive azides. Do not eat drink or smoke while handling this material. Wash hands thoroughly after working with this material. Store at 4°C. Keep container closed and protected from sunlight/ moisture. Store away from combustible materials, acids or metals.

### Section 8: Exposure Controls / Personal Protection:

Wear gloves and appropriate protective clothing to avoid contact with skin and eyes.

Section 9: Physical and Chemical Properties:

Aqueous, colourless liquid.

Section 10: Stability and Reactivity

Stable.

Contact with acid and metals may result in toxic gases.

Section 11: Toxicological Information:

Some constituents may cause skin irritation and eye irritation.

Azide may be absorbed through the skin.

Section 12: Ecological Information:

No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.

Section 13: Disposal Considerations:

Concentrated sodium azide is highly toxic to higher vertebrates and sewage treatment bacteria, though the pack concentrations are not considered to present a significant risk. As a precaution, do not flush down sink. Dispose of in accordance with local rules and regulations.

Section 14: Transport Information:

Not subject to transport regulations.

Section 15: Regulatory Information:

Ingredients are either not classified as dangerous according to EC Directives, or not considered to be hazardous in the very low quantities/concentrations present.

**Caution – products for *in-vitro* research use only, substances not fully tested.**

Section 16: Other Information:

The above information is believed to be correct but does not purport to be all-inclusive and shall only be used as a guide. Inspiralis Ltd. and its governors, officers, employees and agents shall not be held liable for any claims brought by third parties due to damage resulting from handling or from contact with the above product.

Revision Date: 10.07.06