Material Safety Data Sheet – InSight AI-Cytology Blood Dual Channel Test Kit

Section 1 – Product and Company Identification

Manufacturer: Woodley Equipment Company Ltd.
Old Station Park Buildings, St. John Street, Horwich, Bolton, BL6 7NY, UK
Tel: +44 (0) 1204 669033
Email: sales@woodleyequipment.com

Product Name: InSight AI-Cytology Blood Dual Channel Test Kit

Section 2 – Composition/Information on Ingredients

Hazardous Components	Concentration or Concentration Range (Percentage of Ingredients)	Hazardous Material Classification and Symbols
New Methylene Blue N CAS-No.: 1934-16-3 EC-No.: No data available	0.07%	According to the regulations of the Globally Harmonized System (GHS), it is not a hazardous substance or mixture.
Potassium phosphate monobasic CAS-No.: 7778-77-0 EC-No.: 231-913-4	0.2%	Non-hazardous substance or mixture.
di-Sodium hydrogen phosphate dodecahydrate CAS-No.: 10039-32-4 EC-No.: 231-448-7	1.8%	Non-hazardous substance or mixture.
ProClin™ 950 CAS-No.: 2682-20-4 EC-No.: 220-239-6	0.1%	Pictogram:  Signal Word: Danger Hazard Statements: H303 + H313 may be harmful if swallowed or in contact with the skin. H314 causes severe skin burns.
Water CAS-No.: 7732-18-5 EC-No.: 231-791-2	97.83%	Non-hazardous substance or mixture.

Section 3 – Exposure Preventative Measures

Exposure Controls

Personal Protective Equipment:

- Respiratory Protection: If the hazard assessment indicates the need for air-purifying respirators, use a full-facepiece multi-purpose respirator (US) or ABEK type (EN 14387) respirator cartridge as a backup to engineering controls. If a respirator is the only means of protection, use a full-facepiece supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
- Eye Protection: Face shields and safety glasses should be used with eye protection equipment tested and approved according to appropriate government standards such as NIOSH (USA) or EN 166 (EU).
- Protective Gloves: Wear gloves when handling. Gloves must be inspected before use. Use proper techniques to remove gloves (without touching the outer surface) to avoid skin contact with the product. After use, dispose of contaminated gloves by applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves must comply with the specifications of Regulation (EU) 2016/425 and the resulting standard EN 374.
- Skin and Body Protection: Wear impervious clothing, flame-resistant and anti-static protective clothing. The type of protective equipment must be selected based on the concentration and amount of hazardous substances present in the specific workplace.

Hygiene Measures: Handle according to good industrial hygiene and safety practices. Wash hands before breaks and at the end of work.

Section 4 – Physical and Chemical Properties

- **Material Status:** Liquid.
- **Form:** No data available.
- **Colour:** No data available.
- **Odour:** No data available.
- **pH Value:** No data available.
- **Boiling Point/Boiling Point Range:** No data available.
- **Decomposition Temperature:** No data available.
- **Flash Point:** No data available.
- **Testing Method:** No data is available.
- **Autoignition Temperature:** No data available.
- **Explosion Limits:** No data available.
- **Vapour Pressure:** No data available.
- **Vapour Density:** No data available.
- **Density:** No data available.
- **Solubility:** No data available.

Section 5 – Toxicity Information

Acute Toxicity: No data available.

Local Effects: No data is available.

Local Effects: No data is available.

Chronic or Long-term Toxicity: No data available.

Special Effects: No data available.

Section 6 – Hazard Identification

Most Important Hazard Effects

Health Hazard Effects: No data available.

Environmental Impact: No data available.

Physical and Chemical Hazards: No data available.

Special Hazards: No data available.

Main Symptoms: No data available.

Section 7 – Stability and Reactivity

Stability: Stable under recommended storage conditions.

Possible Hazardous Reactions Under Special Conditions: No data available

Conditions to Avoid: Extreme temperatures and direct sunlight.

Materials to Avoid: Strong oxidisers.

Hazardous Decomposition Products: Hydrogen sulphide, Carbon oxides, Nitrogen oxides (NOx), Phosgene, Metal oxides, Phosphorus oxides.

Section 8 – Fire Fighting Measures

Suitable Extinguishing Agents: Adopt appropriate fire extinguishing measures based on the current situation and surrounding environment.

Special Hazards Encountered During Firefighting: Thermal decomposition may release toxic/corrosive gases and vapours.

Special Extinguishing Procedures: No data available.

Special Protective Equipment for Firefighters: Wear self-contained breathing apparatus and full protective gear.

Section 9 – First Aid Measures

Eye Contact: Flush eyes with plenty of water. If pain or irritation occurs, seek medical attention immediately.

Skin Contact: Wash contacted skin with soap and water. Remove contaminated clothing. If pain or irritation occurs, seek medical attention immediately.

Ingestion: Rinse mouth with water and drink plenty of water. If pain or irritation occurs, seek medical attention immediately.

Inhalation: Move to a place with fresh air. If breathing is difficult, give oxygen. If the person is not breathing, perform artificial respiration. Seek medical attention immediately.

Section 10 – Handling and Storage

Handling: Corrosive hazard. Wear protective gloves/clothing and eye/face protection equipment. Thermal decomposition may lead to the release of toxic/corrosive gases and vapours. Handle according to good industrial hygiene and safety practices.

Storage: Keep the container tightly closed in a dark, dry, cool and well-ventilated place.

Section 11 – Leakage Treatment Methods

Personal Precautions: Use complete personal protective equipment. Avoid breathing vapours, mists, dusts or gases. Ensure adequate ventilation. Evacuate personnel to a safe area. See the protective measures listed in Section 3 for details.

Environmental Precautions: See Section 12 for more ecological information.
Methods for Cleaning Up: Collect and arrange for disposal without generating dust. Sweep and shovel. Place in appropriate closed containers for disposal.

Section 12 – Ecological Information

Possible Environmental Impact/Damage: No data available.

Section 13 – Waste Disposal Methods

Product: The remaining and non-recyclable solution should be handed over to a licensed company for proper disposal.

Contaminated Packaging: Dispose of it as an unused product.

Section 14 – Transport Information

International Transport Regulations: No data available.

UN No.: No data available.

Domestic Transport Regulation: No data available.

Special Transportation Methods and Precautions: Non-hazardous goods.

Section 15 – Regulatory Information

Please note that waste disposal should also meet local regulations. If applicable, the chemical meets the requirements of the Regulations on the Safety Management of Hazardous Chemicals (adopted by the State Council on December 4, 2013).

Section 16 – Other Information

To the best of our knowledge, the information provided herein is accurate but does not purport to be all inclusive. It is intended to provide a general guidance in terms of safe handling, storage and disposal of materials. Woodley Equipment Company thus assumes no liabilities for any damage or loss resulting from handling or from contact with this product. Contact Woodley Equipment Company if additional information is needed.

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Date: 22nd September 2025