

## Material Safety Data Sheet – InSight 5 Diff Retic Lyse

### Section 1 – Product and Company Identification

**Manufacturer:** Woodley Equipment Company Ltd.

Old Station Park Buildings, St. John Street, Horwich, Bolton, BL6 7NY, UK

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Email: sales@woodleyequipment.com

**Product Name:** InSight 5 Diff Retic Lyse – 30ml and 60ml

**Product Description:** Used to lyse (destroy) red blood cells for haemoglobin determinations and aid in the counting of white blood cells.

### Section 2 – Hazardous Ingredients

**Hazardous Mixtures of Liquids, Solids or Gases % TVL:**

Quaternary Ammonium Salt(s): 0.1-10.0%

(specific organic quaternary ammonium salt(s) is proprietary information)

### Section 3 – Physical Data

|                                    |  |
|------------------------------------|--|
| <b>Boiling Point:</b>              | N/A  |
| <b>Specific Gravity (H2O=1):</b>   | N/A  |
| <b>Vapour Pressure (mm Hg):</b>    | N/A  |
| <b>Percent Volatile by Volume:</b> | N/A  |
| <b>Vapour Density (Air=1):</b>     | N/A  |
| <b>Evaporation Rate:</b>           | N/A  |
| <b>Solubility in Water:</b>        | Soluble  |
| <b>Appearance and Odour:</b>       | Clear to pale straw liquid with pungent, sharp odour |

### Section 4 – Fire and Explosion Hazard Data

**Flash Point:** Non-flammable.

**Extinguishing Media:** Dry chemical, carbon dioxide, water spray or foam.

**Special Fire Fighting Procedures:** Cool fire-exposed containers with water spray.

**Unusual Fire and Explosion Hazards:** Keep away from ignition sources.

## Section 5 – Health Hazard Data

**Threshold Limit Value:** N/A

**Effects of Overexposure:** May be fatal if swallowed, may irritate eyes and skin.

**Emergency and First Aid Procedures:**

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** In case of contact, immediately flush with plenty of water. Consult doctor in case of complaints.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** drink plenty of water and contact a medical professional.

## Section 6 – Reactivity Data

**Stability:** Stable.

**Conditions to Avoid:** N/A

**Incompatibility:** Oxidising agents and acids.

**Hazardous Decomposition Products:** N/A

**Hazardous Polymerisation:** Will not occur.

**Conditions to Avoid:** N/A

## Section 7 – Spill or Leak Procedures

**If Material is Released or Spilled:** Use absorbent material to wipe up spills. Ensure gloves are worn.

**Waste Disposal Method:** Disposal must be made in accordance with applicable country, federal, state and local regulations.

## Section 8 – Special Protection Information

**Respiratory Protection:** N/A

**Ventilation:** Local Exhaust – N/A  
Mechanical – Ventilated area

**Eye Protection:** Chemical safety eyeglasses or goggles are recommended.

**Skin Protection:** Wear protective equipment – appropriate gloves and lab coat are recommended to prevent contact with skin and clothing. Keep unprotected persons away.

### **Section 9 – Special Precautions**

**Storage and Handling:** Keep the container tightly closed. Store away from acids.

**Other Precautions:** Wash hands thoroughly after handling. Avoid skin and eye contact.

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