

Material Safety Data Sheet – Insight 5 Diff Retic Diluent

Section 1 – Product and Company Identification

Manufacturer: Woodley Equipment Company Ltd.

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Product Name: InSight 5 Diff Retic Diluent – 1L and 4L

Product Description: Used for blood cell analysis, sample dilution and cell suspension preparation.

Section 2 – Hazardous Ingredients

Hazardous Mixtures of Liquids, Solids or Gases % TVL: N/A

Section 3 – Physical Data

Boiling Point:	N/A
Specific Gravity (H2O=1):	N/A
Vapour Pressure (mm Hg):	N/A
Percent Volatile by Volume:	N/A
Vapour Density (Air=1):	N/A
Evaporation Rate:	N/A
Solubility in Water:	Soluble
Appearance and Odour:	Clear liquid

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.

Prepared By: Woodley Equipment Company Ltd.

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