

Material Safety Data Sheet – InSight V3 PLUS Diluent

Section 1 – Product and Company Identification

Manufacturer: Woodley Equipment Company Ltd.

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Product Name: InSight V3 PLUS Diluent

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

Section 2 – Composition/Information on Ingredients

Dangerous Components: Void.

This product contains:

- Sodium Chloride – 0.7%
- Anhydrous Sodium Sulphate – 0.9%
- Preservative Solution (sodium-2-pyridinethiol-1-oxid) – 0.02%
- Buffer Solution (boric acid, sodium borate) – 0.12%
- Water – 98.26%

Section 3 – Hazard Identification

Hazard Designation: Void.

Information Pertaining to Particular Dangers for Man and Environment: Void.

Classification System:

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

Section 4 – First Aid Measures

General Information: No special measures required.

Inhalation: Supply fresh air. Consult doctor in case of symptoms.

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

Eye Contact: Flush open eye under running water for 15 minutes or longer. If pain or irritation occurs, seek medical attention immediately.

Ingestion: Rinse mouth with water and seek medical attention immediately.

Section 5 – Fire Fighting Measures

Suitable Extinguishing Agents: Use extinguishing media suitable for surrounding fire.

Protective Equipment: No special measures required.

Section 6 – Accidental Release Measures

Personal Precautions: Avoid contact with skin, eyes and clothing and wear personal protective clothing.

Environmental Precautions: Should not be released to the environment. Contain any spilled liquids with absorbent to prevent migration.

Method for Containment and Clean Up: Absorb with liquid-binding material (sand, diatomite or universal binders). Use safety glasses, protective gloves and lab coat when handling spills.

Additional Information: No special measures required.

Section 7 – Handling and Storage

This product will be stable for 24 months when stored unopened at 2-40°C and away from sunlight. Once opened, this product should be used within 90 days.

Section 8 – Exposure Control and Personal Protection

Components with Critical Values that Require Monitoring in the Workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.

Additional Information: The lists that were valid during the compilation were used as basis.

Personal Protective Equipment

General Protective and Hygienic Measures: The usual precautionary measures should be adhered to general rules for handling chemicals.

Respiratory Equipment: Use respiratory protection when aerosol or mist is formed.

Skin Protection: Appropriate gloves and lab coat should be worn to prevent skin and clothing contact.

Eye Protection: Chemical safety eyeglasses or goggles are recommended during refilling.

Section 9 – Physical and Chemical Properties

Form	Fluid
Colour	Colourless
Smell	Odourless
Melting Point (°C)	0
Boiling Point (°C)	100
Flash Point	Not applicable
Danger of Explosion	Product is not explosive
Steam Pressure at 20°C	Not applicable
Density at 25°C	1.004±0.02 g/cm ³
Water Solubility/Miscibility	Fully miscible
pH Value (25°C)	7.45±0.30 at (25±1)°C

Section 10 – Stability and Reactivity

This product will be stable for 24 months when stored unopened at 2-40°C and away from sunlight.

Section 11 – Toxicological Information

Acute Toxicity

Primary Irritant Effect

On the Skin: Redness.

On the Eye: Redness.

Sensitisation: No sensitising effect known.

Additional Toxicological Information: Irritant. The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.

Section 12 – Ecological Information

Notes: Generally not hazardous for water.

Section 13 – Disposal Considerations

Product: Must not be disposed of with household waste. Do not allow product to reach sewage system undiluted – it is recommended that any waste product is flushed down a sink with plenty of water.

Uncleaned Packaging: Disposal must be made according to official and local regulations.

Recommended Cleaning Agent: Water, with cleaning agent if necessary.

Section 14 – Transport Information

Not a hazardous material for transportation.

Section 15 – Regulatory Information

Risk Phrase: R36/37 – Irritating to eyes and respiratory system.

Safety Phrase: S1/2 – Store somewhere safe and out of reach of children.

S23 – Do not breathe vapour.

S24 – Avoid contact with skin.

National Regulations

Water Hazard Class: Generally not hazardous for water.

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: 17th February 2023