

## Material Safety Data Sheet

### Section 1 – Manufacture Identification

|                   |  |
|-------------------|--|
| Manufactured for: | Valisafe   |
| Address:          | Valisafe, Twyford Road, Bishop's Stortford, CM23 3LJ                 |
| Telephone:        | +44 (0)1279 461641   |
| Fax:              | +44 (0)1279 461643   |
| Date Issued:      | June 2010  |
| Emergency:        | For Chemical Emergency please contact your local emergency services. |

### Section 2 – Product Information

|                  |  |         |          |
|------------------|--|---------|----------|
| Product name:    | Valisafe InstruCheck /ScopeCheck / DentaCheck    |         |          |
| Product code:    | V3504095, V3505005, V3505010, V3505013, V3505095 |         |          |
| Substance Name:  | Protein Detection Reagent                        |         |          |
| Ingredient Name: | CAS#   | Percent | SARA 313 |
| Dye              | Proprietary                                      | .01-10% | No       |
| Phosphoric Acid  | 7664-38-2  | 5-10%   | Yes      |
| Methanol         | 67-56-1  | 2-5%    | Yes      |

### Section 3 – Hazards Identification

Corrosive. Causes burns. Harmful by inhalation, in contact with skin and if swallowed.  
Target organs: Liver, blood, nerves.

### Section 4 – First Aid Measures

|                      |  |
|----------------------|--|
| Dermal exposure:     | In case of contact, wash skin with soap and copious amounts of water for at least 15 minutes. Take off all contaminated clothing, and wash before reuse.                 |
| Eye exposure:        | In case of contact, flush eyes with copious amounts of water for at least 15 minutes. Consult a physician.   |
| Inhalation exposure: | If directly inhaled, remove to fresh air, if breathing is difficult, provide oxygen if necessary. If not breathing, provide artificial respiration. Consult a physician. |
| Oral exposure:       | If swallowed, wash mouth with water provided person is conscious. Consult a physician.   |

### Section 5 – Fire Fighting Measures

|                                   |  |
|-----------------------------------|--|
| Flash Point:                      | N/A  |
| Extinguishing media:              | Carbon dioxide, dry chemical powder or appropriate foam.   |
| Special Fire Fighting Procedures: | Wear self-contained breathing apparatus, and protective clothing to prevent contact with skin and eyes. Emits toxic fumes under fire conditions. |

### Section 6 – Accidental Release Measures

|                             |  |
|-----------------------------|--|
| Person-Related Precautions: | Safety<br>Wear protective equipment in case of spill. Keep unprotected persons away.   |
| Methods for Cleaning up:    | Cover the spill with dry lime, soda ash or absorbent granules. Pick up & transfer to a closed container for disposal as hazardous waste. Wash the spill site when pick up is complete. |
| Minor Spillage:             | Spills from individual vials may be mopped up with a damp sponge or cloth, and rinsed to the foul drain  |

### Section 7 – Safe Handling and Storage

|           |   |
|-----------|---|
| Handling: | Use in areas with adequate ventilation, do not directly breathe vapor. Avoid exposure to skin, eyes and clothing. |
| Storage:  | Store in a cool dry place, keep container closed until use. Refrigerate to extend shelf life.                     |

### Section 8 – Exposure Controls/Personal Protection

|                                |  |
|--------------------------------|--|
| Personal protective Equipment: | Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substance handled. |
| Respiratory protection:        | Required when vapors/aerosols are generated.   |
| Eye protection:                | Required.  |
| Hand protection:               | Required-use chemical compatible gloves.   |
| Industrial hygiene:            | Change contaminated clothing and immerse in water. Discard contaminated shoes. Wash thoroughly after handling.   |

### Section 9 – Physical/Chemical Properties

|                |                        |
|----------------|------------------------|
| Appearance:    | Brown to Blue liquid   |
| Odor:          | Alcohol characteristic |
| pH value:      | Acid                   |
| Melting point: | N/A                    |
| Solubility:    | Soluble in water       |

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**Section 10- Stability and Reactivity**

Stability: Avoid strong bases, finely powdered metals.  
 Thermal Decomposition: May produce toxic fumes of phosphorous oxides or phosphine when burned

**Section 11- Toxicological Information**

**Route of exposure:**

Skin contact: Can cause burns  
 Skin absorption: Harmful if absorbed through skin  
 Eye contact: Causes burns  
 Inhalation: Destructive to mucous membranes and upper respiratory tract  
 Digestion: Harmful if swallowed.  
 Target Organs: Liver  
 Blood  
 Nerves

**Section 12- Ecological Information**

No data available.

**Section 13- Disposal Considerations**

Contact a licensed professional for disposal consideration. Observe all federal, state and local environmental regulations.

**Section 14- Transport Information**

**DOT:**

Shipping Name: Phosphoric Acid, solution  
 UN#: 1805  
 Class: 8  
 Packing Group: Packing Group III  
 Hazard Label: Corrosive

**IATA:**

Shipping Name: Phosphoric Acid, solution  
 IATA UN#: 1805  
 Class: 8  
 Packing Group: Packing Group III

**Section 15 – Regulatory Information**

**EU Classification:**

Symbol of Danger: C  
 Indication of Danger: Corrosive  
 R: R 34- Causes burns  
 S: S 24- Avoid contact with eyes  
 S 26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
 S 35- This material and container must be disposed of in a safe way  
 S 37- Wear suitable gloves

**US Classification:**

Indication of danger: Corrosive  
 Risk statements: Causes burns  
 Safety statements: Avoid contact with eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. This material and container must be disposed of in a safe way. Wear suitable clothing, gloves and eye protection.

**US Regulatory Information**

SARA listed: Yes  
 Notes: This product is or contains a component that is subject to SARA 313 reporting requirements.

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