



Safety Data Sheet

Date Updated: 11/18/2015
Version 1.0

Section 1 – Identification

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|------------------------|---|-------------------------|---------------------------------------|
| Product Name: | ISE Buffer Olympus AU Series Analyzers | Company: | Phoenix Diagnostics, Inc. |
| Catalog Number: | 21-101 | Street Address: | 8 Tech Circle Natick, MA 01760 USA |
| | | Telephone / Fax: | 508-655-8310 • 508-655-8273 |

Section 2 – Hazard(s) Identification

GHS Classification
GHS Label Element:



Hazard Pictograms:

Signal Word:

Hazard Statements:

Precautionary Statements:

Warning

H315 May cause skin irritation

Prevention:

P103 Read label before use.

P202 Do not handle until all safety precautions have been read and understood.

P281 Use personal protective equipment as required.

Response:

P308 + P312 If exposed or concerned: Get medical advice/attention.

Storage:

P411 Store at temperatures not exceeding 30 °C, but >15 °C.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Eye Contact: May cause irritation.

Skin Contact: May cause irritation.

Ingestion: May cause vomiting.

Inhalation: N/A

Chronic Exposure: N/A

Section 3 – Composition / Information on Ingredient

| Chemical Name | CAS Number | Concentration Ranges |
|-----------------|------------|----------------------|
| Triethanolamine | 102-71-6 | 0.1 mol/L |
| Phosphoric Acid | 7664-38-2 | 0.3% |

Contains no hazardous ingredients with concentration greater than 1% or carcinogens with concentration greater than 0.1%

Section 4 – First Aid Measures

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| Eye Contact: | In case of contact, immediately flush eyes with water for at least 15 minutes. |
| Skin Contact: | In case of contact, immediately wash skin with soap and copious amounts of water. |
| Ingestion: | If swallowed, wash out mouth with water. Call a physician. |
| Inhalation: | N/A |
| Chronic Exposure: | N/A |

Section 5 – Firefighting Measures

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| Autoflammability: | Not determined. |
| Extinguishing Media: | Use fire-extinguishing media appropriate for site conditions. |
| Firefighting Gear: | Self-contained breathing apparatus and protective clothing should be sufficient. |
| Specific Hazards: | Thermal decomposition may emit toxic fumes. |

Section 6 – Accidental Release Measures

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| Spill & Leak Procedure: | Use an absorbent material to contain / pick up solution. Place all contaminated disposables into a suitable container. Seal, label, and hold for disposal. |
| Protective Gear: | Chemical safety goggles and rubber gloves should be sufficient. |

Section 7 – Handling & Storage


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| Storage Temperature: | Store materials as directed in the package insert. |
| Handling Guidance: | Handle and store materials as directed in the package insert. |

Section 8 – Exposure Controls & Personal Protection

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| Ventilation Guidelines: | Supplemental ventilation is not necessary with normal use of product. |
| Respiratory Protection | Respiratory protection is not necessary with normal use of product. |
| Hand Protection: | Compatible chemical-resistant gloves should be sufficient. |

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| Eye-Protection: | Chemical safety goggles should be sufficient. |
| Hygienic Procedure: | After handling, wash hands thoroughly with soap and water. |
| Special Procedures: | N/A |

| Section 9 – Physical & Chemical Properties | | | |
|---|--|-----------------------------------|-----------|
| Pure or Compound: | Compound | Physical Form: | Liquid |
| Appearance / Odor: | Aqueous Salt Buffers | Water Solubility: | Complete |
| Odor Threshold: | N/A | Boiling Point: | N/A |
| M. Point / F. Point: | N/A | Relative Density: | N/A |
| Oxidizing Properties: | N/A | Viscosity: | N/A |
| Partition Coefficient: | N/A | Volatiles: | N/A |
| Autoflammability: | N/A | Vapor Pressure: | N/A |
| Vapor Density: | N/A | Flash Point: | N/A |
| Evaporation Rate: | N/A | | |
| Volatile%: | N/A | | |
| Section 10 – Stability & Reactivity | | | |
| Stability: | Stable | | |
| Materials to Avoid: | Strong bases, strong acids, and other water reactive materials. | | |
| Hazardous Decomposition: | Thermal decomposition may emit toxic fumes. | | |
| Section 11 – Toxicological Information | | | |
| Route of Entry: Ingestion, skin, and / or eye contact. | | | |
| Carcinogenicity: | None | Effects of Acute Exposure: | Not Known |
| Effects of Chronic Exposure: | Not Known | Target Organs: | Not Known |
| Special Health Effects: | Not Known | | |
| Section 12 – Ecological Information | | | |
| Biodegradability: | Not Known | Ecological Toxicity: | Not Known |
| Environmental Effects: | Not Known | Aqua Toxicity: | Not Known |
| Section 13 – Disposal Considerations | | | |
| Waste Disposal: | Please consult local, state, and federal regulators for disposal guidance. | | |
| Empty Container Warnings: | Not Known | | |
| Section 14 – Transport Information | | | |
| Transport Guidance: | This substance is considered non-hazardous for ground and air transport. | | |
| Section 15 – Regulatory Information | | | |

| EEC Classification: | Xi |
|---|--|
| Hazard Symbol: |  Irritant |
| Risk Phrases: | R36/R38 Irritating to eyes and skin. |
| Safety Phrases: | S24/25 Avoid contact with eyes and skin. S26/S28 In case of contact with eyes and skin, rinse immediately with plenty of water and seek medical advice if needed. |
| Section 16 – Other Information | |
| <p>Disclaimer & Warranty: These products are intended for in vitro diagnostics use only, and not for drug, household, or other uses. The above information, data, and recommendations are believed to be correct (after reasonable investigation and research); however, Phoenix Diagnostics cannot fully guarantee their accuracy. Although all known hazards have been listed above, Phoenix Diagnostics cannot guarantee that these are the only hazards that exist. All materials should be used with caution. This document does not purport to be all inclusive, and should only be consulted as a guide. Phoenix Diagnostics disclaims all responsibility for any damage resulting from handling or use of above product.</p> | |