

Phosphate Buffer Solution, pH 6.8

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| PRODUCT NAME: | Phosphate Buffer Solution, pH 6.8 |
| CATALOG #: | PBM |
| PRODUCT DESCRIPTION: | Component of the Giemsa Stain Kit (May-Grunwald) catalog# GMG-1. |
| COMPOSITION: | Water, CAS# 7732-18-5 Sodium Phosphate, Monobasic, CAS# 7558-80-7 Sodium Phosphate, Dibasic, CAS# 7558-79-4 May contain additional non-hazardous proprietary ingredients. |
| PHYSICAL DATA: | |
| APPEARANCE / ODOR | Colorless transparent liquid. Odorless. |
| SOLUBILITY IN WATER | Soluble. |
| VAPOR DENSITY | N/A |
| VAPOR PRESSURE | N/A |
| EVAPORATION RATE | N/A |
| MELTING POINT | N/A |
| BOILING POINT | 100°C. |
| FLASH POINT | Aqueous solution. |
| AUTO-IGNITION POINT | Aqueous solution. |
| LOWER EXPLOSIVE LIMIT IN AIR | Aqueous solution. |
| UPPER EXPLOSIVE LIMIT IN AIR | Aqueous solution. |
| FIRE AND EXPLOSION HAZARD DATA: | Extinguish fire using water spray, carbon dioxide, chemical foam, or dry chemical. Wear personal protection equipment, including a self-contained breathing apparatus (S.C.B.A.). May produce toxic fumes of phosphoxides and sodium oxides under fire conditions. |
| REACTIVITY DATA: | |
| STABILITY | Stable. |
| INCOMPATIBLE MATERIALS | Strong acids, and oxidizers. |
| HAZARDOUS DECOMPOSITION PRODUCTS | Toxic fumes of phosphoxides and sodium oxides. |
| HAZARDOUS POLYMERIZATION | Not reported. |
| HEALTH HAZARD DATA: | |
| ACUTE EFFECTS: | Eye Contact: May irritate eyes. Skin Contact: May irritate skin. Ingestion: May irritate gastrointestinal system. Inhalation: Not an expected route of exposure. |
| CHRONIC EFFECTS: | Eye Contact: Unknown. Skin Contact: Unknown. Ingestion: Unknown. Inhalation: Unknown. |

Material Safety Data Sheet
PBM-MSDS

Rev. Date: Nov. 6, 2009

Revision: 1

Page 2 of 2

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| FIRST AID: | <p>Eye Contact: Immediately flush eyes with copious amounts of water and get immediate medical attention.</p> <p>Skin Contact: Remove contaminated clothing and wash contact area with mild soap and copious amounts of water. Get medical attention if irritation develops.</p> <p>Inhalation: Remove person to fresh air. Get medical attention if symptoms worsen.</p> <p>Ingestion: Get immediate medical attention.</p> | | | | | | | | | |
| ADDITIONAL INFORMATION: | | | | | | | | | | |
| HMIS HAZARD CODES: | <table border="1"> <tr> <td>HEALTH</td> <td>1</td> </tr> <tr> <td>FLAMMABILITY</td> <td>0</td> </tr> <tr> <td>PHYSICAL HAZARD</td> <td>0</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td>A</td> </tr> </table> | HEALTH | 1 | FLAMMABILITY | 0 | PHYSICAL HAZARD | 0 | PERSONAL PROTECTION | A | |
| HEALTH | 1 | | | | | | | | | |
| FLAMMABILITY | 0 | | | | | | | | | |
| PHYSICAL HAZARD | 0 | | | | | | | | | |
| PERSONAL PROTECTION | A | | | | | | | | | |
| SPILL OR LEAK PROCEDURES: | <p>Wear chemical resistant clothing, gloves, and eye protection. Wear NIOSH/MSHA approved breathing apparatus. Keep material away from heat, flame, ignition sources, and reactive materials. Wipe up or absorb spill using inert absorbent and place in a suitable waste container for disposal.</p> | | | | | | | | | |
| WASTE DISPOSAL METHOD: | <p>Observe all federal, state and local environmental regulations.</p> | | | | | | | | | |
| PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: | <p>Wear protective clothing.</p> <p>Avoid contact with skin and eyes. Wash thoroughly after handling.</p> <p>Keep tightly closed.</p> <p>Irritant.</p> <p>Keep container tightly closed.</p> | | | | | | | | | |
| ADDITIONAL COMMENTS: | <p>The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. ScyTek Laboratories shall not be held liable for any damage resulting from handling or from contact with the above product.</p> | | | | | | | | | |