

Material Safety Data Sheet**Trait✓ Sample Buffer****MATERIAL IDENTIFICATION**

Manufacturer/Distributor: Strategic Diagnostics Inc.
111 Pencader Drive
Newark, DE 19702

Phone Number: 1-(302) 456-6789

Trade Names and Synonyms: Trait✓ Sample Buffer (7000006, 7000102)

NFPA Ratings Health: 1
Flammability: 0
Reactivity: 0

OSHA HAZARD DETERMINATION

Hazardous Ingredients	CAS Number	Weight Percent
Potassium phosphate, dibasic	7758-11-4	< 8.0 %
Potassium phosphate, monobasic	7778-77-0	< 20.0 %
Tween 20	9005-64-5	< 0.5 %

PHYSICAL DATA

A one liter plastic bottle of an aqueous buffer solution (1000 ml).

HAZARDOUS REACTIVITY

None

FIRE AND EXPLOSION DATA

Fire and Explosion Hazards Not a fire and explosion hazard.

Extinguishing Media Use media appropriate for surrounding material.

Special Fire Fighting Instructions Fire and explosion not expected to be a problem with the product.

HEALTH HAZARD INFORMATION

Primary Route(s) of Exposure/Entry: Skin, Eyes, and Ingestion. Wash thoroughly after contact with skin or eyes. Contact a physician if ingested.

Signs and Symptoms of Exposure/Medical Conditions Aggravated by Exposure:

Buffer exposure to eyes or skin may cause mild irritation. Ingestion may cause nausea, vomiting and diarrhea.

Carcinogenicity: No components in this kit are listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.

Applicable Exposure Limits: N/A

FIRST AID

Inhalation N/A

Skin Contact: The buffer material is not likely to be hazardous by skin contact, however, cleansing the skin after use is advisable.

Eye Contact: In case of contact with buffer, immediately flush eyes with copious amounts of water for at least 15 minutes. Call a physician.

Ingestion: Ingestion of small amounts of buffer should not be toxic, however, a physician should be immediately contacted.

PROTECTION INFORMATION

General Control Measures and Precautions: Ventilation: Natural ventilation.

Personal Protective Equipment: Respiratory Protection: None necessary

Protective Gloves: Gloves are not required but may be advisable.

Eye Protection: Normal laboratory safety glasses.

Other Protective Equipment: None

SPILL, LEAK AND DISPOSAL INFORMATION

Spill, Leak, or Release: Review FIRE AND EXPLOSION HAZARDS and SAFETY PRECAUTIONS before proceeding with clean up.

Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up.

No special clean up practice is required.

Waste Disposal: Dispose of a liquid waste in accordance with any applicable federal, state, and local requirements.

SHIPPING INFORMATION

DOT Proper Shipping Name Not DOT regulated.

IATA/IMO Proper Shipping Name Not restricted.

TITLE III HAZARD CLASSIFICATION

Acute No

Chronic No

Fire No

Reactivity No

Pressure No

REGULATORY INFORMATION

OSHA HAZARD DETERMINATION: This material is not known to be hazardous as defined by OSHA's Hazard Communication Standard, 29 CFR 1910.1200

EPA DETERMINATIONS:**COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, & LIABILITY ACT**

(CERCLA/SUPERFUND), 40 CFR 302 - This material is not known to contain hazardous substances in sufficient quantity to make it subject to CERCLA regulations.

TOXIC SUBSTANCES CONTROL ACT (TSCA), 40 CFR 710

The material is a mixture as defined by TSCA. The chemical ingredients in this material are in the Section 8(b) Chemical Substance Inventory and/or are otherwise in compliance with TSCA. In the case of ingredients obtained from other manufacturers, Strategic Diagnostics, Inc. relies on the assurance of responsible third parties in providing this statement.

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA), 40 CFR 261, SUBPARTS C AND D

The material, when discarded or disposed of, is not specifically listed as a hazardous waste in Federal regulations; however, it could be considered hazardous if it meets criteria for being toxic, corrosive, ignitable or reactive according to U.S. EPA definitions (40 CFR 261). This material could also become a hazardous waste if it is mixed with or comes in contact with a listed hazardous waste. If it is a hazardous waste, regulations 40 CFR 262-266 and 268 may apply.

HAZARDOUS MATERIALS TRANSPORTATION REGULATIONS, 49 CFR 171-178 - This material is not known to contain hazardous substances in sufficient quantity to make it subject to the Regulations.

FOREIGN REGULATIONS: CANADIAN HAZARDOUS PRODUCTS ACT (WHMIS)

The material is not a WHMIS Controlled Product.

STATE REGULATIONS:**CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 ("PROPOSITION 65")**

The material is not known to contain any ingredients (s) subject to the Act.

PENNSYLVANIA WORKER AND COMMUNITY RIGHT TO KNOW ACT

This material is not known to contain any ingredient(s) subject to the Act. Non-hazardous ingredient(s) information is withheld as trade secret in accordance with Section 11 of the Pennsylvania Worker and Community Right to Know Act.

The above data are based on tests, experience, and other information, which Strategic Diagnostics Inc. believes reliable, and are supplied for informational purposes only. However, some ingredients may have been purchased or obtained from third-party manufacturers. In these instances, Strategic Diagnostics, Inc., in good faith, relies on information provided by those third parties. Since conditions of use are outside our control, STRATEGIC DIAGNOSTICS INC. DISCLAIMS ANY LIABILITY FOR DAMAGE OR INJURY, WHICH RESULTS FROM USE OF THE ABOVE DATA. NOTHING CONTAINED HEREIN SHALL CONSTITUTE A GUARANTEE, WARRANTY (INCLUDING WARRANTY OF MERCHANTABILITY) OR REPRESENTATION (INCLUDING FREEDOM FROM PATENT LIABILITY) BY STRATEGIC DIAGNOSTICS, INC. WITH RESPECT TO THE DATA, THE MATERIAL DESCRIBED, OR ITS USE FOR ANY SPECIFIC PURPOSE, EVEN IF THAT PURPOSE IS KNOWN TO STRATEGIC DIAGNOSTICS INC.

Responsibility for MSDS: Strategic Diagnostics Inc.
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* End of MSDS *