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MATERIAL SAFETY DATA SHEET

SECTION 1 - Product and Company Information

Product Name: AP-Yellow One Component Microwell Substrate (pNPP)
with Stabilizing Pellets
Product Number: PNPS
Company: BioFX Laboratories, Inc.
Address: 10715 Red Run Blvd
Suite 114
Owings Mills, MD 21117
Phone: 800.445.6447
Fax: 410.902.0551

SECTION 2 – Chemical Identification

CAS No.: Not applicable
Chemical Formula: Not applicable to mixtures
Trade secret formulation

SECTION 3 – Hazards Identification

This product contains *p*-nitrophenylphosphate (*p*-NPP). The toxicological properties of this substance have not been thoroughly investigated.

SECTION 4 – Physical Characteristics

Form: Solution
Color: Clear to light yellow
Boiling Point: No data available
Vapor pressure (mm Hg): No data available
Vapor density: No data available
Evaporation rate: No data available

SECTION 5 – Storage, Handling and Stability

Store AP-Yellow One Component Microwell Substrate (pNPP) with Stabilizing Pellets at 2°C - 8°C. Protect from light, elevated temperatures and keep lid tightly closed. This product is stable and hazardous polymerization will not occur. This product is incompatible with strong oxidizing agents and strong acids. This product absorbs carbon dioxide from the environment. Thermal decomposition may produce carbon oxides, nitrogen oxides and phosphorous oxides.

SECTION 6 – Safety Control Measures

Rubber or vinyl gloves, safety glasses/goggles, cotton filter mask, laboratory apron and local exhaust are recommended. Safe laboratory practices should be followed.

SECTION 7 – Health Hazard Data

Avoid contact with skin, ingestion and inhalation. This product is an irritant to eyes, skin mucous membranes and the upper respiratory tract.

SECTION 8 – First Aid Measures

Remove contaminated clothing and shoes, and wash before reuse.

Skin:	Wash skin thoroughly with soap and water.
Eyes:	Flush with copious amounts of water or eyewash saline for at least 15 minutes.
Ingestion:	Induce vomiting and seek medical attention.
Inhalation:	Remove to fresh air. If not breathing, administer CPR. If breathing is difficult, give oxygen. If discomfort persists, seek medical attention.

SECTION 9 – Fire/Explosion Hazard Data

This product emits toxic fumes under fire conditions. Water spray, carbon dioxide, dry chemical powder or appropriate foam can all be used.

SECTION 10 – Accidental Release Measures

Cover material with inert carrier (i.e. sand, sodium bicarbonate) and place in a closed container. Hold for disposal. Dispose of in accordance with all national, state, and local regulations.

SECTION 11 – Additional Information

The above information is believed to be correct and may not be all conclusive; however, it should only be used as a guide. BioFX Laboratories, Inc. shall not be held liable for any damage resulting from handling or contact with this above product.

These products are for research and manufacturing use only and are not intended for use in humans, therapeutic or diagnostic purposes. Sales are without any seller's warranty or representation, expressed or implied, by usage or otherwise; no claims beyond replacement of unacceptable material or refund of purchase price shall be allowed. All claims must be made within 30 days following date of delivery.