



**Emergency Phone: (408) 780-0908**  
Updated: 10/23/2021

## Material Safety Data Sheet

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**Cat. #:** PF103  
**Description:** Phosphate-buffered 4% paraformaldehyde with picric acid

### Information on Ingredients/Composition:

Contains formaldehyde (3.7 - 4%) and picric acid (< 0.2%). Further information regarding the specific ingredients, composition and chemical identity of this material is being withheld as a trade secret of the manufacturer.

### Label Precautionary Statements:

Toxic.  
Explosive when dry. Material must be wet at all time.  
Harmful by inhalation or in contact with skin or eyes. Toxic if swallowed or absorbed through skin. Possible risk of irreversible damage to skin, mucous membranes, eyes, kidneys, heart, digestive and respiratory systems. Potential cancer hazard. May cause heritable genetic damage.

### Handling and Storage:

Wear glasses and disposable gloves while handling this reagent. Wear appropriate protective clothing. Do not pipette by mouth. Avoid inhalation. Avoid contact with skin and eyes. Use in a properly functioning chemical hood, which is vented to the outside. Wash hands thoroughly after handling this reagent. Keep container tightly closed at all time. Keep wetted with water at all time. Store at 2-8°C.

### Stability and Reactivity:

Stable under recommended storage conditions.

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Materials to avoid: strong oxidizing agents, strong bases, reducing agents, heavy metals, heavy metal salts, ammonia.

## First Aid Measures:

In case of contact with skin or eyes, wash immediately with copious amounts of water and immediately call a physician. If swallowed, wash out mouth with water and immediately call a physician. If inhaled, remove to fresh air, give oxygen or artificial respiration when necessary and immediately call a physician.

## Disposal Considerations:

Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state and local environmental regulations.

## Disclaimer:

Phosphate-buffered 4% paraformaldehyde with picric acid is made for research use only, and not for drug, diagnostic or other uses.

## Warranty:

The above statements have been made as accurately as possible based on the information we obtained. However, they by no means purport to be all inclusive and only be used as a general guide. FD NeuroTechnologies, Inc. should not be held liable for any damage resulting from handling or from contact with the above product (cf. also our Ordering Information and Terms of Sale).