

**Emergency Phone: 301 490 8898**

Date: 01/12/2022

## **Material Safety Data Sheet**

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Cat. #: PK301/PK301A

Description: FD NeuroSilver Kit II

### **LABEL PRECAUTIONARY STATEMENTS**

Harmful or fatal

Harmful by inhalation, in contact with skin or eyes. Harmful or fatal if swallowed.

Possible risk of irreversible damage to skin, mucous membranes, eyes, blood, kidneys and digestive and respiratory systems.

### **SAFETY AND HANDLING PRECAUTIONS**

1. FD NeuroSilver™ kit II is made for research use only, and not for drug, diagnostic or other uses.
2. The kit reagents may be harmful or fatal if ingested. Do not pipette by mouth. Avoid inhalation and contact with skin and eyes. In case of contact, wash with copious amounts of water and call a physician.
3. Perform experiment in a properly functioning chemical hood, which is vented to the outside. Wear glasses and disposable gloves while handling kit reagents. Wash hands thoroughly after performing the test.

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).

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**FD NeuroTechnologies, Inc.** P.O. Box 785, Ellicott City, MD 21228, USA  
Tel: 301 490 8878, Fax: 301 490 4146, [www.fdtypeurotech.com](http://www.fdtypeurotech.com), E-mail: [support@fdneurotech.com](mailto:support@fdneurotech.com)

# Material Safety Data Sheet

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Cat. #: PK301/PK301A  
Description: FD NeuroSilver Kit II  
Component Identification: FD NeuroSilver kit II, Solution A

## Information on Ingredients/Composition:

Contains sodium hydroxide. Further information regarding the specific chemical identity of this material is being withheld as a trade secret of the manufacturer.

## Label Precautionary Statements:

Corrosive. Irritating to skin and mucous membranes. May be harmful or fatal if ingested.

## Handling and Storage:

Wear glasses and disposable gloves while handling kit reagents. Wear appropriate protective clothing. Do not pipette by mouth. Avoid inhalation. Avoid contact with skin and eyes. Perform experiment in a properly functioning chemical hood, which is vented to the outside. Wash hands thoroughly after performing the test. Keep container tightly closed. Store at room temperature, preferably in a cool place.

## 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.

## Disposal Considerations:

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

## Transport Information (Section 14):

**DOT:** Hazard Class: 8  
Identification Number: UN1824  
Packing Group: II  
Proper Shipping Name: Sodium Hydroxide Solution

**IATA:** Hazard Class: 8  
Identification Number: UN1824  
Packing Group: II  
Proper Shipping Name: Sodium Hydroxide Solution

# Material Safety Data Sheet

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Cat. #: PK301/PK301A  
Description: FD NeuroSilver Kit II  
Component Identification: FD NeuroSilver kit II, Solution B

## Information on Ingredients/Composition:

The information regarding the specific chemical identity of this material is being withheld as a trade secret of the manufacturer.

## Label Precautionary Statements:

Irritating to skin and mucous membranes. May be harmful or fatal if ingested.

## Handling and Storage:

Wear glasses and disposable gloves while handling kit reagents. Wear appropriate protective clothing. Do not pipette by mouth. Avoid inhalation. Avoid contact with skin and eyes. Perform experiment in a properly functioning chemical hood, which is vented to the outside. Wash hands thoroughly after performing the test. Keep container tightly closed. Store at room temperature, preferably in a cool place.

## First Aid Measures:

In case of contact with skin or eyes, wash immediately with copious amounts of water and seek medical advice. If swallowed, wash out mouth with water and immediately call a physician.

## Disposal Considerations:

Mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

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# Material Safety Data Sheet

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Cat. #: PK301/PK301A  
Description: FD NeuroSilver Kit II  
Component Identification: FD NeuroSilver kit II, Solution C

## Information on Ingredients/Composition:

The information regarding the specific chemical identity of this material is being withheld as a trade secret of the manufacturer.

## Label Precautionary Statements:

Irritating to skin and mucous membranes. May be harmful or fatal if ingested.

## Handling and Storage:

Wear glasses and disposable gloves while handling kit reagents. Wear appropriate protective clothing. Do not pipette by mouth. Avoid inhalation. Avoid contact with skin and eyes. Perform experiment in a properly functioning chemical hood, which is vented to the outside. Wash hands thoroughly after performing the test. Keep container tightly closed. Store at room temperature, preferably in a cool place.

## First Aid Measures:

In case of contact with skin or eyes, wash immediately with copious amounts of water and seek medical advice. If swallowed, wash out mouth with water and immediately call a physician.

## Disposal Considerations:

Mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

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# Material Safety Data Sheet

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Cat. #: PK301/PK301A  
Description: FD NeuroSilver Kit II  
Component Identification: FD NeuroSilver kit II, Solution D

## Information on Ingredients/Composition:

The information regarding the specific chemical identity of this material is being withheld as a trade secret of the manufacturer.

## Label Precautionary Statements:

Irritating to skin and mucous membranes. May be harmful or fatal if ingested.

## Handling and Storage:

Wear glasses and disposable gloves while handling kit reagents. Wear appropriate protective clothing. Do not pipette by mouth. Avoid inhalation. Avoid contact with skin and eyes. Perform experiment in a properly functioning chemical hood, which is vented to the outside. Wash hands thoroughly after performing the test. Keep container tightly closed. Store at room temperature, preferably in a cool place.

## First Aid Measures:

In case of contact with skin or eyes, wash immediately with copious amounts of water and seek medical advice. If swallowed, wash out mouth with water and immediately call a physician.

## Disposal Considerations:

Mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

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# Material Safety Data Sheet

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Cat. #: PK301/PK301A  
Description: FD NeuroSilver Kit II  
Component Identification: FD NeuroSilver kit II, Solution E

## Information on Ingredients/Composition:

Contains silver nitrate ( $\text{AgNO}_3$ ). Further information regarding the specific chemical identity of this material is being withheld as a trade secret of the manufacturer.

## Label Precautionary Statements:

Caustic and irritating to skin and mucous membranes. May be harmful or fatal if ingested. Do not pipette by mouth. Avoid contact with skin and eyes. Wear glasses and disposable gloves while handling the reagent.

## Handling and Storage:

Wear glasses and disposable gloves while handling kit reagents. Wear appropriate protective clothing. Do not pipette by mouth. Avoid inhalation. Avoid contact with skin and eyes. Perform experiment in a properly functioning chemical hood, which is vented to the outside. Wash hands thoroughly after performing the test. Keep container tightly closed. Store at room temperature, preferably in a cool place.

## 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.

## Disposal Considerations:

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

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# Material Safety Data Sheet

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Cat. #: PK301/PK301A  
Description: FD NeuroSilver Kit II  
Component Identification: FD NeuroSilver kit II, Solution F

## Information on Ingredients/Composition:

The information regarding the specific chemical identity of this material is being withheld as a trade secret of the manufacturer.

## Label Precautionary Statements:

Irritating to skin and mucous membranes. May be harmful if ingested.

## Handling and Storage:

Wear glasses and disposable gloves while handling kit reagents. Wear appropriate protective clothing. Do not pipette by mouth. Avoid inhalation. Avoid contact with skin and eyes. Perform experiment in a properly functioning chemical hood, which is vented to the outside. Wash hands thoroughly after performing the test. Keep container tightly closed. Store at room temperature, preferably in a cool place.

## First Aid Measures:

In case of contact with skin or eyes, wash immediately with copious amounts of water and seek medical advice. If swallowed, wash out mouth with water and immediately call a physician.

## Disposal Considerations:

Mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

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# Material Safety Data Sheet

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Cat. #: PK301/PK301A  
Description: FD NeuroSilver Kit II  
Component Identification: FD NeuroSilver kit II, Solution G

## Information on Ingredients/Composition:

The information regarding the specific chemical identity of this material is being withheld as a trade secret of the manufacturer.

## Label Precautionary Statements:

Irritating to skin and mucous membranes. May be harmful if ingested.

## Handling and Storage:

Wear glasses and disposable gloves while handling kit reagents. Wear appropriate protective clothing. Do not pipette by mouth. Avoid inhalation. Avoid contact with skin and eyes. Perform experiment in a properly functioning chemical hood, which is vented to the outside. Wash hands thoroughly after performing the test. Keep container tightly closed. Store at room temperature, preferably in a cool place.

## First Aid Measures:

In case of contact with skin or eyes, wash immediately with copious amounts of water and seek medical advice. If swallowed, wash out mouth with water and immediately call a physician.

## Disposal Considerations:

Mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

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