



American MasterTech

scientific laboratory supplies

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DAB NEUTRALIZATION KIT PROCEDURE

Item# CWC02

(Revised 3/7/18)

**KIT
COMPONENT
INCLUDED:**

**POTASSIUM PERMANGANATE SOLUTION
SULFURIC ACID SOLUTION**

PRINCIPLE: This kit is used for the neutralization of DAB stock solution.

PROCEDURE:

1. Dilute DAB stock solution to a concentration of 1 ml of DAB stock solution to 9 ml of water in a container.
2. For every 10 ml of diluted DAB stock solution, add **5 ml of Potassium Permanganate Solution** and **5 ml of Sulfuric Acid Solution** to the container.
3. Seal container.
4. Mix solution for 1 minute.
5. Allow solution to stand for at least 24 hours.
6. Adjust pH according to state and local laws with sodium hydroxide.
7. Filter the solution through a Whatman #1 filter paper. Place filter paper in a plastic bag for disposal.
8. Dispose of the solution down the drain with plenty of water.

REFERENCE: Lunn, G. & Sansone, EB. Destruction of Hazardous Chemicals in the Laboratory. New York: Wiley Interscience. 1990.

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