

INSTRUCTION MANUAL

CAT. 24140-01, 24140-06 Formalin Spill Control

For in vitro diagnostic use. For containment of formalin spills in the laboratory.

Electron Microscopy Sciences Formalin Spill Control is a granular, nonhazardous powder consisting of an acrylostarch, a mineral absorbent, sodium bicarbonate and a pine scent agent. Each bottle will solidify up to 12 liters of 10% formalin or up to 4 liters of 1% to 3% glutaraldehyde. More may be required for higher aldehyde concentrations.

SPILL PROCEDURE

1. Refer to the Safety Data Sheet for precautions.
2. Immediately alert all persons to evacuate the area, if necessary.
3. Remove all sources of ignition.
4. Prevent the spill from entering drains.
5. Remove contaminated clothing, and wash skin with soap and water.
6. Wear protective clothing and use personal protective equipment as appropriate.

CLEANUP PROCEDURE

1. Contain the spill by sprinkling the powder directly and evenly around the perimeter of the spill. Work toward the center until the entire area of the spill is covered.
2. Approximately 30 grams of the powder will absorb 1 liter of spilled 10% formalin. Approximately 90 grams of the powder will absorb 1 liter of spilled 1% to 3% glutaraldehyde. More powder may be required for higher concentrations.
3. Allow the material to stand until the spill is solidified enough to scrap up cleanly. The spill will begin to solidify within 1 minute and will continue to “set” for another few minutes.
4. Collect the solidified spill with an appropriate scraper or dust pan and deposit the material in a suitable container for neutralization with the Formalin Neutralizer (CAT. 63330-16).

PROPER NEUTRALIZATION

1. After collecting the solidified spill into a suitable container, completely cover the material with liquid Formalin Neutralizer. Stir. As necessary, add more solution to make a thin “slurry”.
2. Cover the container and allow the slurry to neutralize according to the appropriate

Neutralizer package instructions. 3. Stir the slurry to ensure a uniform suspension and dispose of it by flushing down a commode.

DISPOSAL AS SOLID WASTE

Follow steps 1 through 3 of the CLEANUP PROCEDURE. Then, collect the solidified spill and place it in an appropriate container for disposal.

PRECAUTIONS

1. Federal, state and local requirements must be observed with regard to waste disposal. It is the responsibility of the waste generator to comply with applicable disposal regulations.
2. Store in a cool, dry place.
3. DO NOT INGEST. Avoid breathing dust.
4. OSHA mandates the use of suitable protective clothing and eye protection when working with formaldehyde or glutaraldehyde solutions. Good ventilation and/or respirator is also required.