

Section: Division of Nursing
Approval: _____

PROCEDURE

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HACKETTSTOWN REGIONAL MEDICAL CENTER

Originator: Carol Wicki, RN, CNOR
Judy Young, RN
Reviewed by: O. Lopez, RN BSN CNOR

OR/CSR
(Scope)

TITLE: DISPOSAL OF STERIS 20

PURPOSE: To provide a mechanism to ensure the safe handling of spillage and proper disposal of the concentrate.

EQUIPMENT LIST: Protective Attire
1. Water proof gloves
2. Apron and boots
3. Chemical goggles or face shield

CONTENT: PROCEDURE STEPS: KEY POINTS:

SPILLAGE: 1. Press the Cancel button.
2. When the cancel cycle is complete, shut off ignition sources.
3. Increase the ventilation to the area.
4. Put on the protective attire: **must be worn through the entire procedure.**
a. Long rubber gloves.
b. Impervious apron and boots.
c. Chemical goggles or face shield.
5. Rinse to an unblocked floor drain if possible or wipe up the liquid with absorbent towels, sponges or mops. Towels, sponges or mops, whether reusable or disposable used to cleanup spillage, must be thoroughly rinsed before disposal into the appropriate receptacles (i.e., trash or soiled linen.)
6. Dispose of the Steris 20 sterilent in the processor following instructions for one and/or more containers.

ONE CONTAINER: 1. Increase ventilation.
2. Shut off the equipment.
3. Put on protective attire.
4. Remove the box and container and submerge in the sink with at least twelve (12) inches of water.

Be careful not to splash the solution.

5. While submerged, remove the container from the box. Rinse the box and drain. The box may be discarded into the clean paper waste receptacle.
6. Open the submerged container and manually dilute the remaining acid. Using a scissor, cut a cross section in the top center of the container at the aspiration probe inset, cut both the inner and outer cups in half, dilute both powder and acid in the water.
7. Drain the sink flushing both the powder and acid away.
8. Rinse the inner and outer cups with copious amounts of water. At least one (1) gallon per cup.
9. Thoroughly drain the containers and discard in the clean receptacle.

MORE THAN ONE CONTAINER:

1. Follow Steps 1, 2, 3, and 4 for one container.
2. Rinse with at least twenty (20) gallons of water.
3. Follow Steps 6, 7, 8, and 9.

SPECIAL/SAFETY POINTS:

1. Do not attempt to manually open the sealed containers of Steris 20.
2. Avoid contact with the skin 35% Peracetic Acid is corrosive.
3. The dilution of Steris 20 is not corrosive but may cause skin irritation in sensitive individuals.
4. Do not use Steris 20 after the expiration date.
5. Do not substitute any other product for Steris 20.
6. Do not use leaking or damaged containers.
7. Items used to mop up spillage must be thoroughly rinsed before disposing of.
8. Avoid splashing or spraying.
9. Do not attempt to manually open any leaking or broken container if the water is not available.

HEALTH HAZARDS:

10. a. Vapor/Inhalation--irritation of the mucous membranes of the eyes and nose, coughing and breathing difficulties.
- b. Skin contact can cause severe burns and irreversible eye damage, including blindness.

EMERGENCY
MEASURES:

1. **Skin:** Wash immediately with water, remove the contaminated clothing.
2. **Eyes:** Wash opened eye with water for fifteen (15) minutes. Call ophthalmologist.
3. **Inhalation:** Move the subject to fresh air.
4. **Ingestion:** Do not induce vomiting, drink large quantities of egg whites, gelatin solution or water.