



Ohio Administrative Code

Rule 3745-570-204 Chemical treatment of cultures with sodium hypochlorite solution.

Effective: April 6, 2025

(A) Methodology. An owner or operator, small generator, or large generator treating cultures consisting of liquid culture media or of solid agar media with only surface growth using a sodium hypochlorite solution shall employ the following methods, techniques, and practices when using the solution:

(1) Use a fifteen per cent sodium hypochlorite solution volume per volume.

[Comment: 2.4 cups of household bleach and 13.6 cups of water makes one gallon of treatment solution.]

(2) Submerge or flood the cultures for a minimum of thirty minutes in the chemical treatment solution.

(3) Mix the treatment solution immediately prior to use.

(4) Decant or absorb excess treatment solution from the cultures prior to disposal of the culture.

(5) Discard the treatment solution after use.

(B) An owner or operator, small generator, or large generator treating cultures of infectious agents that are recommended by the centers for disease control and prevention to be handled in accordance with biosafety level three or level four practices shall not treat the cultures using this method.
