

4626.0805 MANUAL AND MECHANICAL WAREWASHING EQUIPMENT; CHEMICAL SANITIZATION, TEMPERATURE, PH, CONCENTRATION, AND HARDNESS. 4-501.114

A. A chemical sanitizer used in a sanitizing solution for a manual or mechanical operation at the exposure times specified in part 4626.0905, item C, must meet the requirements of part 4626.1620. The sanitizer must be used according to this part and the manufacturer's label approved by the U.S. Environmental Protection Agency.^{p1}

B. The sanitizer must not exceed the amount specified on the manufacturer's label approved by the U.S. Environmental Protection Agency.^{p1}

C. If a sanitizer is used in an amount less than the maximum amount specified on the label in item B, the sanitizer must be used as specified in this item.^{p1}

(1) Unless the product label specifies otherwise, a chlorine solution must have a minimum concentration of 50 ppm,^{p1} and:

(a) a minimum temperature of 75 degrees F (24 degrees C) for water with a pH of 8 or less;^{p1} or

(b) a minimum temperature of 100 degrees F (38 degrees C) for water with a pH of 8.1 to 10.^{p1}

(2) An iodine solution must have:

(a) a minimum temperature of 68 degrees F (20 degrees C);^{p1}

(b) a pH of 5.0 or less, unless the manufacturer's use directions included in the labeling specify a higher pH limit of effectiveness;^{p1} and

(c) a concentration between 12.5 mg/L and 25 mg/L.^{p1}

(3) A quaternary ammonium compound solution must:

(a) have a minimum temperature of 75 degrees F (24 degrees C);^{p1}

(b) have a concentration specified in Code of Federal Regulations, title 21, part 178, subpart B, section 178.1010, and as indicated by the manufacturer's use directions included in the labeling;^{p1} and

(c) be used only in water with 500 mg/L hardness or less or in water having a hardness no greater than specified by the manufacturer's label.^{p1}

D. If another solution of a chemical specified under items A to C is used, the licensee shall demonstrate that the solution achieves sanitization as defined in part 4626.0020, subpart 75, and the use of the solution must be approved by the regulatory authority.^{p1}

E. If a chemical sanitizer other than chlorine, iodine, or a quaternary ammonium compound is used, the chemical sanitizer must be applied according to U.S. Environmental Protection Agency-registered label use instructions.^{p1}

F. If a chemical sanitizer is generated by a device located on site at the food establishment, it must be used as specified in items A to D and must be produced by a device that:

- (1) complies with regulation as specified in United States Code, title 7, sections 136 to 136q;^{p1}
- (2) complies with Code of Federal Regulations, title 40, sections 152.500 and 156.10;^{p1}
- (3) displays the U.S. Environmental Protection Agency device manufacturing facility registration number on the device;^{p2} and
- (4) is operated and maintained according to the manufacturer's instructions.^{p2}

Statutory Authority: *MS s 31.101; 31.11; 144.05; 144.07; 144.08; 144.12; 157.011*

History: *23 SR 519; 43 SR 295*

Published Electronically: *January 2, 2019*