

the inspector sufficient amounts of suitable feed and fresh water, and proper accommodations shall be provided on board for storage and distribution of the water and feed. The feed shall not be exposed to the weather at sea. However, such feed and water shall not be required if it is determined by the APHIS veterinarian that the animals, if under 30 days of age will arrive in the country of destination within 24 hours after they were last fed and watered in the United States, or, in the case of other animals, within 36 hours after they were last fed and watered in the United States.

(b) Owners masters, or operators of such vessels shall not accept for transportation any animal that in the judgment of the APHIS veterinarian is in an unfit condition to withstand the rigors of such transportation. Further, no animal intended for export shall be placed aboard any ocean vessel, unless in the opinion of the inspector the loading arrangements, fittings, ventilation systems, and the arrangements provided by the vessel for their use reasonably assure arrival of a viable animal in the country of destination. Halters, ropes, or other suitable equipment provided for the handling and tying of horses shall be found to be satisfactory by the APHIS veterinarian to assure humane treatment of the animals.

[42 FR 28990, June 7, 1977. Redesignated at 45 FR 86413, Dec. 31, 1980, as amended at 57 FR 23047, June 1, 1992]

§91.18 Cleaning and disinfection of transport carriers for export.

All fittings, utensils and equipment, unless new, to be used in the loading, stowing, or other handling of animals aboard surface vessels under the provisions of this part, shall first be cleaned and disinfected under the supervision of an inspector before being used for, or in connection with, the transportation of animals from any United States port. Such disinfection of halters, ropes, and similar equipment used in handling and tying of animals shall be by immersion in an approved disinfectant. When the surface vessel has last been used to carry livestock to or from a foot-and-mouth disease infected

country, the approved disinfectant shall be a freshly prepared solution of:

(a) Sodium carbonate (4 percent) in the proportion of 1 pound to 3 gallons of water.

(b) 4 percent sodium carbonate plus 0.1 percent sodium silicate.

(c) Sodium hydroxide (Lye) prepared in a fresh solution in the proportion of not less than 1 pound avoirdupois of sodium hydroxide of not less than 95 percent purity to 6 gallons of water, or one 13½-ounce can to 5 gallons of water.⁷

For carriers returning from other foreign countries, the approved disinfectant shall be a disinfectant permitted for use under §71.10, part 71 of this chapter.

[42 FR 28990, June 7, 1977. Redesignated and amended at 45 FR 86413, Dec. 31, 1980; 53 FR 51746, Dec. 23, 1988]

§91.19 Inspection of ocean vessels prior to loading.

It shall be the responsibility of the owners or the masters of an ocean vessel intended for use in exporting livestock to present the vessel to an inspector at a United States port of embarkation or at the discretion of the Administrator, upon request of the exporter, transporting company, or their agent, at a foreign port, for an inspection to determine if the fittings aboard the vessel are in compliance with the provisions of this part. A notarized statement from an engineering concern shall be required to certify to the rate of air exchange in each compartment. Such notarized statement shall be required upon first use of such vessel: *Provided*, That such notarized statement may again be required by the Administrator if substantive changes in fittings aboard the vessel have been

⁷Due to the extreme caustic nature of sodium hydroxide solution, precautionary measures such as the wearing of rubber gloves, boots, raincoat, and goggles should be observed. An acid solution such as vinegar shall be kept readily available in case any of the sodium hydroxide solution should come in contact with the body.