

ADMIRAL PITKA RECON CHALLENGE 2017  
AFRICAN SWINE FEVER. DISINFECTING DIRECTIONS

- Weapons- clean with 70% alcohol (70% percent of alcohol is ideal to a stronger solution. Pure alcohol coagulates protein in contact. Suppose the pure alcohol is poured over a single celled organism. The alcohol will go through the cell wall of the organism in all direction, coagulating the protein just inside the cell wall. The ring of the coagulated protein would then stop the alcohol from penetrating farther from the cell, and no more coagulation would take place. At this time the cell would become inactive but not dead. Under the favourable conditions the cell would then begin to function. If 70 percent of alcohol is poured to a single celled organism, the diluted alcohol also coagulates the protein, but at a slower rate, so that it penetrates all the way through the cell before coagulation can block it. Then the entire cell is coagulated and the organism dies).
- Rubber boots – Pour 2.5% solution bleach with chlorine on the boots, clean, allow to absorb for 1 hour, then rinse off the boots with water.
- Textiles – clean with washing detergent or wash and heat (in a sauna for example) at 100 degrees Celsius for 1 hour.
- Leather footwear and leather clothing/accessories – wash, clean, work with a leather maintenance product. Do not use said footwear or leather clothes/accessories for 30 days prior to being in contact with swine.
- Wood – Varnished, painted wood – wash with chlorinated bleach; Porous or untreated wood – burn.

