

inappropriate for use in storing, processing, producing or conducting and controlling the flow of chemical weapon agents or any of the chemicals which are included in Item 7011 or Item 2007.

(Item 7012 applies to all destinations except Argentina, Australia, Austria, Belgium, Denmark, the Federal Republic of Germany, Finland, France, Greece, Hungary, Ireland, Italy, Japan, Luxembourg, Netherlands, New Zealand, Norway, Portugal, Spain, Sweden, Switzerland, the United Kingdom, and the United States.)

7015. Related Technology, as follows:

1. Process technology, including technology which is incorporated into or forms part of a license agreement, designed for the manufacture of chemical weapons agents or their precursors, and/or for their disposal, or for whole plants designed for their manufacture.
2. Technology, including technology which is incorporated into or forms part of a license agreement, designed for the manufacture of the equipment designated in item 7012.

(Item 7015 applies to all destinations except Argentina, Australia, Austria, Belgium, Denmark, the Federal Republic of Germany, Finland, France, Greece, Hungary, Ireland, Italy, Japan, Luxembourg, Netherlands, New Zealand, Norway, Portugal, Spain, Sweden, Switzerland, the United Kingdom, and the United States.)

7021. Biological Weapon Agents, as follows:

7021. 1. HUMAN PATHOGENS

a. Viruses

1. Chikungunya virus
2. Congo-Crimean haemorrhagic fever virus
3. Dengue fever virus
4. Eastern equine encephalitis virus
5. Ebola virus
6. Hantaan virus
7. Junin virus
8. Lassa fever virus
9. Lymphocytic choriomeningitis virus
10. Machupo virus
11. Marburg virus
12. Monkey pox virus
13. Rift Valley fever virus
14. Tick-borne encephalitis virus (Russian Spring Summer encephalitis virus)
15. Variola virus
16. Venezuelan equine encephalitis virus
17. Western equine encephalitis virus
18. White pox
19. Yellow fever virus
20. Japanese encephalitis virus

b. Rickettsiae

1. Coxiella burnetii
2. Rickettsiae quintana
3. Rickettsiae prowasecki
4. Rickettsiae rickettsii

c. Bacteria

1. Bacillus anthracis
2. Brucella abortus
3. Brucella melitensis
4. Brucella suis
5. Chlamydia psittaci
6. Clostridium botulinum
7. Francisella tularensis
8. Pseudomonas mallei
9. Pseudomonas pseudomallei
10. Salmonella typhi
11. Shigella dysenteriae
12. Vibrio cholerae
13. Yersinia pestis

d. Genetically Modified Micro-Organisms

1. Genetically modified micro-organisms or genetic elements that contain nucleic acid sequences associated with pathogenicity and are derived from organisms in the above core list human pathogens.
2. Genetically modified micro-organisms or genetic elements that contain nucleic acid sequences coding for any of the human toxins in the core list below.

e. Toxins

1. Botulinum toxins
2. Clostridium perfringens toxins

3. Conotoxin
4. Ricin
5. Saxitoxin
6. Shiga toxin
7. Staphylococcus aureus toxins
8. Tretodotoxin
9. Verotoxin
10. Microcystin (Cyanginosin)

7021. 2. ANIMAL PATHOGENS

a. Viruses

1. African swine fever virus
2. Avian influenza virus
3. Bluetongue virus
4. Foot and mouth disease virus
5. Goat pox virus
6. Herpes virus (Aujeszky's disease)
7. Hog cholera virus
8. Lyssa virus
9. Newcastle disease virus
10. Peste des petits ruminants virus
11. Porcine enterovirus type 9
12. Rinderpest virus
13. Sheep pox virus
14. Teschen disease virus
15. Vesicular stomatitis virus

b. Not used

c. Bacteria

1. Mycoplasma mycoides

d. Genetically modified micro-organisms or genetic elements that contain nucleic acid sequences associated with pathogenicity and are derived from organisms in the above list of animal pathogens.

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7022. Biological Test, Inspection and Production Equipment, as follows:

1. Complete containment facilities at P3, P4 containment level.

Technical Note:

Complete containment facilities that meet the criteria for P3 or P4 (BL3, BL4, L3, L4, BSL3, BSL4) containment as specified in the WHO Laboratory Biosafety Manual (Geneva, 1983)

2. Fermenters capable of cultivation of pathogenic micro-organisms, viruses or for toxin production, without the propagation of aerosols, and having all of the following characteristics:

- a. capacity equal to or greater than 300 litres;
- b. double or multiple sealing joints within the steam containment area; and
- c. capable of in-situ sterilization in a closed state.

Technical Note:

For the purposes of item 7022.2, sub-groups of fermenters include bioreactors, chemostats and continuous-flow systems.

3. Centrifugal separators capable of the continuous separation of pathogenic micro-organisms, without the propagation of aerosols, and having all of the following characteristics:

- a. flow rate greater than 100 litres/h;
- b. component of polished steel or titanium;
- c. double or multiple sealing joints within the steam containment area; and
- d. capable of in-situ steam sterilisation in a closed state.

Technical Note:

For the purposes of Item 7022.3, centrifugal separators include decanters.

4. Cross-flow filtration equipment designed for continuous separation of pathogenic micro-organisms, viruses, toxins and cell cultures without the propagation of aerosols, and having all of the following characteristics:

- a. equal to or greater than 5 square metres; and
- b. capable of in-situ sterilization.