

List of Biological Agents Listed in US Federal Export and Biodefense Regulations
(Last Updated 02/2006)

	Export Admin	CFR 42 part 73	USDA	
	section	Final Rule	7CFR331	and 9CFR121
	item			
Human Pathogens				
Viruses				
Cercopithecine herpesvirus 1 (Herpes B virus)		42CFR73	73.3	
Chikungunya virus	1C351 a.1			
Crimean-Congo haemorrhagic fever virus	1C351 a.2	42CFR73	73.3	
Denque fever virus	1C351 a.3			
Eastern equine encephalitis virus	1C351 a.4	42CFR73	73.4	
Ebola viruses	1C351 a.5	42CFR73	73.3	
Hantavirus				
Hantaan virus	1C351 a.6			
Influenza virus				
Reconstructed 1918 Pandemic Influenza virus		42CFR73	73.3	
Japanese encephalitis virus	1C351 a.7			9CFR121 121.3
Lassa fever virus	1C351 a.9	42CFR73	73.3	
Louping ill virus	1C351 a.22			
Lymphocyte choriomeningitis virus	1C351 a.10			
Marburg virus	1C351 a.12	42CFR73	73.3	
Monkey pox virus	1C351 a.13	42CFR73	73.3	
Murray Valley encephalitis virus	1C351 a.23			
Nipah and Hendra complex viruses				
Equine morbillivirus (Hendra virus)	1C351 a.29	42CFR73	73.4	
Nipah virus	1C351 a.32	42CFR73	73.4	
Oropouche virus	1C351 a.25			
Powassan virus	1C351 a.26			
Pulmonary and renal syndrome haemorrhagic fever viruses (Seoul, Dobrava, Puumala, Sin Nombre)	1C351 a.31			
Rift Valley fever virus	1C351 a.14	42CFR73	73.4	
Rocio virus	1C351 a.27			
South American haemorrhagic fever viruses		42CFR73	73.3	
Junin	1C351 a.8	42CFR73	73.3	
Machupo	1C351 a.11	42CFR73	73.3	
Sabia	1C351 a.30	42CFR73	73.3	
Flexal	1C351 a.30	42CFR73	73.3	
Guanarito	1C351 a.30	42CFR73	73.3	
St.Louis encephalitis virus	1C351 a.28			
Tick-borne encephalitis complex (flavi) viruses	1C351 a.15	42CFR73	73.3	
Central European tick-borne encephalitis		42CFR73	73.3	
Far Eastern tick-borne encephalitis		42CFR73	73.3	
Russian spring and summer encephalitis	1C351 a.15	42CFR73	73.3	
Kyasanur forest disease	1C351 a.21	42CFR73	73.3	
Omsk hemorrhagic fever	1C351 a.24	42CFR73	73.3	
Variola virus				
Variola major virus (Smallpox virus)	1C351 a.16	42CFR73	73.3	
Variola minor virus (Alastrim)	1C351 a.16	42CFR73	73.3	
Venezuelan equine encephalitis virus	1C351 a.17	42CFR73	73.3	
Western equine encephalitis virus	1C351 a.18			
White pox	1C351 a.19			
Yellow fever virus	1C351 a.20			
Bacteria				
Bacillus anthracis	1C351 c.1	42CFR73	73.4	9CFR121 121.4
Brucella abortus	1C351 c.2	42CFR73	73.4	9CFR121 121.4
Brucella melitensis	1C351 c.3	42CFR73	73.4	9CFR121 121.4
Brucella suis	1C351 c.4	42CFR73	73.4	9CFR121 121.4
Burkholderia mallei (Pseudomonas mallei)	1C351 c.5	42CFR73	73.4	9CFR121 121.4
Burkholderia pseudomallei (Pseudomonas pseudomallei)	1C351 c.6	42CFR73	73.4	9CFR121 121.4
Chlamydia psittaci	1C351 c.7			
Clostridium botulinum	1C351 c.8	42CFR73	73.4	9CFR121 121.4
Botulinum neurotoxin producing strains of Clostridium		42CFR73	73.4	9CFR121 121.4
Clostridium perfringens (epsilon toxin producing types)	1C351 c.14			
Escherichia coli O157 (and other verotoxin producing serotypes)	1C351 c.15			
Francisella tularensis	1C351 c.9	42CFR73	73.4	9CFR121 121.4
Salmonella typhi	1C351 c.10			
Shigella dysenteriae	1C351 c.11			
Vibrio cholerae	1C351 c.12			
Yersinia pestis	1C351 c.13	42CFR73	73.3	
Rickettsiae				
Bartonella quintana (Rochalimea quintana, Rickettsia quintana)	1C351 b.1			
Coxiella burnetii	1C351 b.2	42CFR73	73.4	9CFR121 121.4
Rickettsia prowasecki	1C351 b.3	42CFR73	73.3	
Rickettsia rickettsii	1C351 b.4	42CFR73	73.3	
Fungi				
Coccidioides posadasii		42CFR73	73.3	
Coccidioides immitis		42CFR73	73.4	9CFR121 121.4
Toxins				
Abrin	1C351 d.12	42CFR73	73.3	
Aflatoxins	1C351 d.11			
Botulinum neurotoxin	1C351 d.1	42CFR73	73.4	9CFR121 121.4
Cholera toxin	1C351 d.13			
Clostridium perfringens toxins	1C351 d.2			
Clostridium perfringens epsilon toxin		42CFR73	73.4	9CFR121 121.4
Conotoxin	1C351 d.3	42CFR73	73.3	
Diacetoxyscirpenol	1C351 d.14	42CFR73	73.3	
HT-2 toxin	1C351 d.16			
Microcystin (cyanoginoin)	1C351 d.4			
Modeccin toxin	1C351 d.17			
Ricin	1C351 d.5	42CFR73	73.3	
Saxitoxin	1C351 d.6	42CFR73	73.3	
Shiga toxin	1C351 d.7	42CFR73	73.4	9CFR121 121.4
Shiga-like ribosome inactivating proteins		42CFR73	73.3	
Staphylococcus aureus toxins	1C351 d.8			
Staphylococcal enterotoxins		42CFR73	73.4	9CFR121 121.4
Tetrodotoxin	1C351 d.9	42CFR73	73.3	
T-2 toxin	1C351 d.15	42CFR73	73.4	9CFR121 121.4
Verotoxin	1C351 d.10			
Viscum Album Lectin 1 (Viscumin)	1C351 d.19			
Volkensin toxin	1C351 d.18			

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	Export Admin section	item	CFR 42 part 73 Final Rule	USDA 7CFR331 and 9CFR121
Animal Pathogens (no overlap with human)				
Bacteria				
Cowdria ruminantium (Heartwater)				9CFR121 121.3
Mycoplasma capricolum/M.F38/M.mycoides capri				9CFR121 121.3
Mycoplasma mycoides mycoides	1C352	b.1		9CFR121 121.3
Viruses				
African swine fever virus	1C352	a.1		9CFR121 121.3
African horse sickness virus	1C352	a.17		9CFR121 121.3
Akabane virus				9CFR121 121.3
Avian influenza virus (highly pathogenic)	1C352	a.2		9CFR121 121.3
Blue tongue virus (Exotic)	1C352	a.3		9CFR121 121.3
Camel pox virus				9CFR121 121.3
Classical swine fever virus				9CFR121 121.3
Foot and mouth disease virus	1C352	a.4		9CFR121 121.3
Goat pox virus	1C352	a.5		9CFR121 121.3
Lumpy skin disease virus	1C352	a.17		9CFR121 121.3
Lyssa virus	1C352	a.8		
Malignant catarrhal fever virus (Exotic)				9CFR121 121.3
Menangle virus				9CFR121 121.3
Newcastle disease virus (velogenic strains)	1C352	a.9		9CFR121 121.3
Peste Des Petits Ruminants virus	1C352	a.10		9CFR121 121.3
Porcine herpes virus (Aujeszky's disease)	1C352	a.6		
Rinderpest virus	1C352	a.12		9CFR121 121.3
Sheep pox virus	1C352	a.13		9CFR121 121.3
Swine fever virus (Hog cholera virus)	1C352	a.7		
Swine vesicular disease virus (Porcine enterovirus type 9)	1C352	a.11		9CFR121 121.3
Teschen disease virus	1C352	a.14		
Vesicular stomatitis virus (Exotic)	1C352	a.15		9CFR121 121.3
Prions				
Bovine spongiform encephalopathy agent				9CFR121 121.3
Plant Pathogens				
Bacteria				
Candidatus Liberobacter africanus				7CFR331 331.3
Candidatus Liberobacter asiaticus				7CFR331 331.3
Clavibacter michiganensis subspecies sepedonicus	1C354	a.4		
(syn. Corynebacterium michiganensis subspecies sepedonicum or Corynebacterium sepedonicum)				
Ralstonia solanacearum race 3, biovar 2	1C354	a.5		7CFR331 331.3
(syn. Pseudomonas solanacearum Races 2 and 3 or or Burkholderia solanacearum Races 2 and 3)				
Xanthomonas albilineans	1C354	a.1		
Xanthomonas campestris pv. citri	1C354	a.2		
(including strains referred to as Xanthomonas campestris pv. citri types A,B,C,D,E or otherwise classified as Xanthomonas citri, Xanthomonas campestris pv. aurantiflora or Xanthomonas campestris pv. Citrumelo)				
Xanthomonas oryzae pv. oryzaicola	1C354	a.3		7CFR331 331.3
(syn. Pseudomonas campestris pv. oryzae)				
Xylella fastidiosa (citrus variegated chlorosis strain)				7CFR331 331.3
Fungi				
Colletotrichum coffeanum var. virulans (Colletotrichum kahawae)	1C354	b.1		
Cochliobolus miyabeanus (Helminthosporium oryzae)	1C354	b.2		
Magnaporthe grisea (pyricularia grisea/pyricularia oryzae)	1C354	b.6		
Microcyclus ulei (syn. Dothidella ulei)	1C354	b.3		
Peronosclerospora philippinensis				7CFR331 331.3
Puccinia graminis (syn. Puccinia graminis f.sp.tritici)	1C354	b.4		
Puccinia striiformis (syn. Puccinia glumarum)	1C354	b.5		
Sclerophthora ravissiae var. zeae				7CFR331 331.3
Synchytrium endobioticum				7CFR331 331.3
Viruses				
Potato Andean latent tymovirus	1C354	c.1		
Potato spindle tuber viroid	1C354	c.2		
This table is based on the following documents:				
U.S. Dept. of Health and Human Services 42 CFR Part 72 and 73 (03/18/2005)				
U.S. Dept. of Agriculture 7 CFR Part 331 and 9 CFR Part 121 (03/18/2005)				
U.S. Dept. of Commerce Export Administration Regulations - Commerce Control List (04/15/2005)				