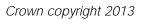


The Approved List of biological agents



visit www.nationalarchives.gov.uk/doc/open-government-licence/, write to the

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The Approved List of biological agents

(SI 2002/2677).

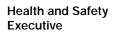
Judith Hackitt

Preface

Categorisation of biological agents according to hazard and categories of containment

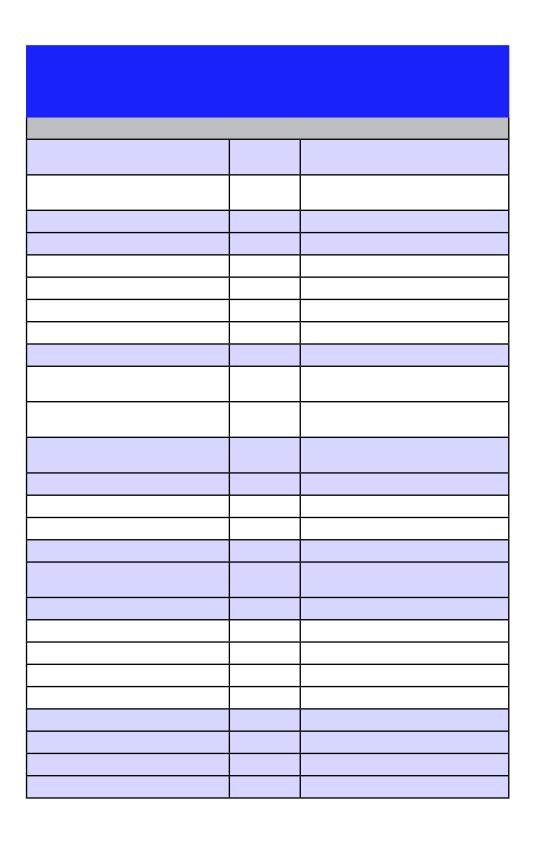
- Alkhurma haemorrhagic fever, Andes, Banna, Ngari, Central European tickhuman disease but treatment may be available and/or the risk of further spread
- Punta Toro, Whitewater Arroyo and Xenotropic murine leukaemia virus-related

- - -
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lead to an increase in the risk of exposure to the agent. For example, blood-borne
the most appropriate containment measures set out in the publications/web pages
Reclassifying an agent
You will need to consult and agree with HSE that a suitable and sufficient risk assessment has been performed prior to locally reclassifying an agent, unless HSE guidance indicating what to do in specific circumstances has been published.
Work with biological agents which have not been assigned a classification in the Approved List
most appropriate hazard group definition (see Information Box on page 7), taking into

The Approved List of biological agents





Biological agent	Human pathogen hazard group	Taxonomy/notes	
Elizabethkingia meningoseptica Flavobacterium meningosepticum			
Enterobacter aerogenes/cloacae			
Enterobacter			
Enterococcus			
Erysipelothrix rhusiopathiae			
Escherichia coli of non-pathogenic strains)			
Escherichia coli, strains (eg O157:H7 or O103)			
Zlav Zu Sato da con accomo do segundio um	Flavob	accoc ence bethk n glal(2)4jhling2sept0228	v 1 8 Gardnere
Fluoribacter bozemanae			

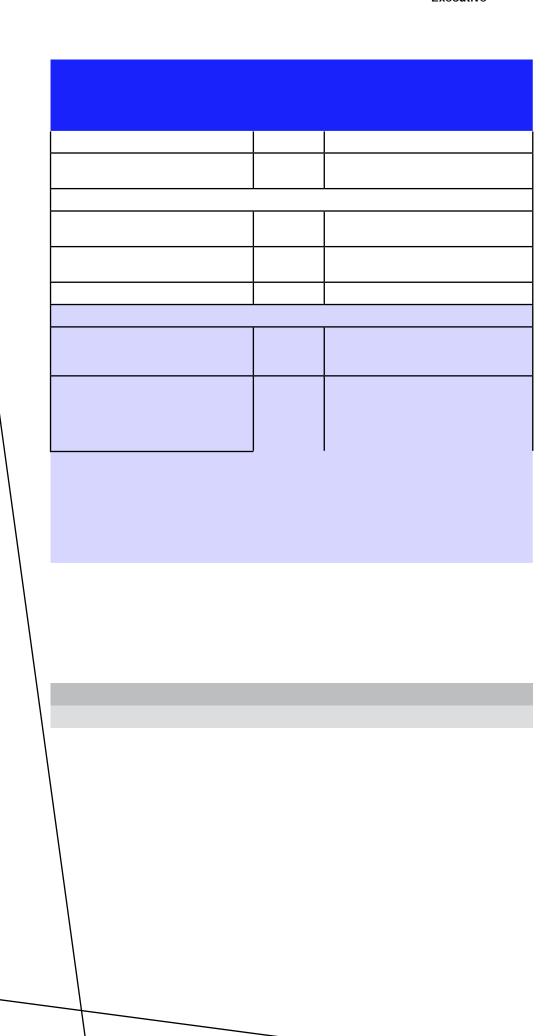
Biological agent	Human pathogen hazard group	Taxonomy/notes
Mycobacterium kansasii		
Mycobacterium leprae		
Mycobacterium malmoense		
Mycobacterium marinum		
Mycobacterium microti		
Mycobacterium paratuberculosis		
Mycobacterium scrofulaceum		
Mycobacterium simiae		
Mycobacterium szulgai		
Mycobacterium tuberculosis		
Mycobacterium ulcerans		
Mycobacterium xenopi		
Mycoplasma caviae		
Mycoplasma hominis		
Mycoplasma pneumoniae		
Neisseria gonorrhoeae		
Neisseria meningitidis		
Nocardia asteroids		
Nocardia braziliensis		
Nocardia farcinica		
Nocardia nova		
Nocardia otitidiscaviarum		
Pasteurella multocida		
Pasteurella		
Peptostreptococcus anaerobius		
Peptostreptococcus		
Plesiomonas shigelloides		
Porphyromonas		
Prevotella		
Proteus mirabilis		
Proteus penneri		
Proteus vulgaris		
Providencia alcalifaciens		
Providencia rettgeri		
Providencia		
Pseudomonas aeruginosa		
Pseudomonas mallei		Burkholderia mallei

Biological agent	Human pathogen hazard group	Taxonomy/notes
Streptococcus pneumoniae		
Streptococcus pyogenes		
Streptococcus		
Streptococcus suis		
Treponema carateum		
Treponema pallidum		
Treponema pertenue		
Treponema		
Ureaplasma parvum		
Ureaplasma urealyticum		
Vibrio cholerae		
Vibrio parahaemolyticus		
Vibrio		
Yersinia enterocolitica		
Yersinia pestis		
Yersinia pseudotuberculosis		
Yersinia		
FUNGI		
Absidia corymbifera		Lichtheimia corymbifera
Ajellomyces dermatitidis		Blastomyces dermatitidis
Aspergillus fumigatus		
Aspergillus		
Blastomyces dermatitidis (Ajellomyces dermatitidis)		
Candida albicans		
Candida spp		
Candida tropicalis		
Cladophialophora bantiana Xylohypha bantiana, Cladosporium bantianum		
Cladosporium bantianum Xylohypha bantiana		Cladophialophora bantiana
Coccidioides immitis		
Coccidioides posadasii		
Cryptococcus neoformans var gattii (Filobasidiella bacillispora)		
Cryptococcus neoformans var neoformans (Filobasidiella neoformans var neoformans)		
Emmonsia crescens		

Biological agent	Human pathogen hazard group	Taxonomy/notes	
Emmonsia parva			
Epidermophyton floccosum			
Exophiala			
Filobasidiella bacillispora		Cryptococcus neoformans var gattii	
Filobasidiella neoformans var neoformans		Cryptococcus neoformans neoformans	
Fonsecaea compacta			
Fonsecaea pedrosoi			
Fusarium			
Geotrichum			
Histoplasma capsulatum capsulatum (Ajellomyces capsulatus)			
Histoplasma capsulatum var duboisii			
Histoplasma capsulatum farcinimosum			
Lichtheimia corymbifera			
Madurella grisea			
Madurella mycetomatis			
Malassezia			
Microsporum			
Neotestudina rosatii			
SpapS 29ta Fai((sppp))Tj//TT1 1 Tf()Tj/TT2 T	∄6†4900 \$& BTT	4i290 Td()Tj/TT2 1 Tf 6 290 Td(spp)1 Tf0 T	w 1 6 siemopf ⊈
≸pop iseT2 1 Tf 0 Tw (var)Tj /TT1 1 Tf :	351Td Sn /GS0 gs / prolurellans(infeim	ia97 -1.856 To
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Biological agent	Human pathogen hazard group	Taxonomy/notes				
Cyclospora						
Dientamoeba fragilis						
Encephalitozoon cuniculi						
Encephalitozoon hellem						
Encephalitozoon intestinalis						
Entamoeba histolytica						
Enterocytozoon bieneusi						
Giardia lamblia (Giardia intestinalis)						
Isopora belli						
Leishmania aethiopica						
Leishmania brasiliensis						
Leishmania donovani						
Leishmania major						
Leishmania mexicana						
Leishmania peruviana						
Leishmania						
Leishmania tropica						
Naegleria fowleri						
Plasmodium falciparum						
Plasmodium						
Sarcocystis suihominis						
Toxoplasma gondii						
Trichomonas vaginalis						
Trypanosoma brucei brucei						
Trypanosoma brucei gambiense						
Trypanosoma brucei rhodesiense						
Trypanosoma cruzi						
PRIONS						
Sporadic forms of human TSE:						
Sporadic Creutzfeldt-Jakob disease						
Variably protease-resistant						
Genetic forms of human TSE:	Genetic forms of human TSE:					
Familial Creutzfeldt-Jakob disease						



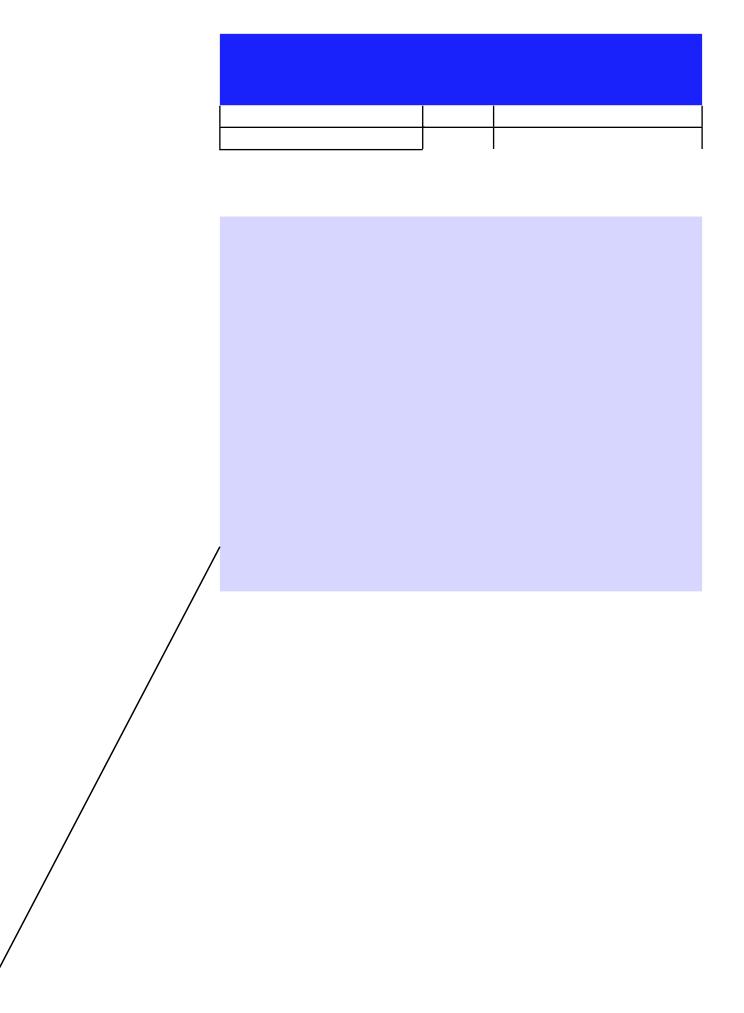
Biological agent	Human pathogen hazard group	Taxonomy/notes
Varicella-zoster virus		
Beta-herpesvirinae		
Genus :		
Genus :		
Human herpesvirus type 6 - HHV6		
Human herpesvirus type 7 - HHV7		
Gamma-herpesvirinae		
Genus :		
		Synonym: Epstein-Barr virus
Epstein-Barr virus		
Genus :		
(Kaposi's sarcoma-associated		
Mononegavirales		
Bornaviridae		
Genus :		
Filoviridae		
Genus :		
Genus :		
Paramyxoviridae		
Paramyxovirinae		
Genus :		
Genus :		
Genus :		



Biological agent	Human pathogen hazard group	Taxonomy/notes
Other LCM-Lassa complex viruses		
Astroviridae		
Bunyaviridae		
Genus :	l	
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Biological agent	Human pathogen	Taxonomy/notes
	pathogen hazard group	
Genus Phlebovirus:		
Unclassified :		
	·	
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Biological agent	Human pathogen hazard group	Taxonomy/notes
Far Eastern tick-borne encephalitis		
		Strain of Central European tick-borne
		Synonym: Tick-borne encephalitis
		Species in Tick-borne encephalitis
		Species in Tick-borne encephalitis
		mosquito-borne virus
		Synonym: Far Eastern tick-borne encephalitis virus; subtype of Tick-
Siberian tick-bome encephalitis virus		See Central European tick-borne
Tick-borne encephalitis virus		
Genus :		
		1
Genus :		



Retroviridae Genus : Primate T-cell lymphotropic viruses Synonyms: Human T-cell Genus : Xenotropic murine leukaemia virus- Genus : Togaviridae Genus Togaviridae Genus Genus Genus	Biological agent	Human pathogen hazard group	Taxonomy/notes
Genus : Primate T-cell lymphotropic viruses Synonyms: Human T-cell Genus : Xenotropic murine leukaemia virus- Genus : Togaviridae Genus : O'nyong-nyong virus O'nyong-nyong virus O'nyong-nyong virus Indicate the property of the pr	Retroviridae		
Primate T-cell lymphotropic viruses Genus Xenotropic murine leukaemia virus- Genus Togaviridae Genus	Orthoretrovirinae		
Genus : Xenotropic murine leukaemia virus- Genus : Togaviridae Genus : I	Genus :	,	,
Xenotropic murine leukaemia virus- Genus Togaviridae Genus	Primate T-cell lymphotropic viruses		Synonyms: Human T-cell
Cenus :	Genus :		
Togaviridae Genus : O'nyong-nyong virus O'nyong-nyong virus O o o o o o o o o o o o o o o o o o o	Xenotropic murine leukaemia virus-		
Genus : O'nyong-nyong virus O'nyong-nyong virus	Genus :		
Genus : O'nyong-nyong virus O'nyong-nyong virus			
Genus : O'nyong-nyong virus O'nyong-nyong virus			
O'nyong-nyong virus	Togaviridae		
	Genus :	1	
			<u> </u>
Genus :	O'nyong-nyong virus		
Genus :			
Conus .	Genus	J	l
l l	Conus		

Health and Safety Executive

Further information

agents. General and sector-specific guidance for work with biological agents

www.hse.gov.uk/biosafety/information.htm

TSE: Safe working and the prevention of infection uk/+/www.dh.gov.uk/ab/ACDP/TSEguidance/index.htm

Blood-bome virus web pages www.hse.gov.uk/biosafety/blood-bome-viruses/

Biological agents: Managing the

risks in laboratories and healthcare premises

www.hse.gov.uk/biosafety/biologagents.pdf see 'Part 3 Working in the laboratory'

in this guidance, visit www.hse.gov.uk/. You can view HSE guidance online and

This Approved List is available online at www.hse.gov.uk/pubns/misc208.htm