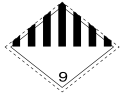






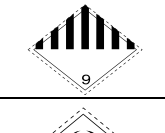



**EXAMPLES OF BIOLOGICAL MATERIALS & THE TRANSPORT REQUIREMENTS**

EXAMPLE	Proper shipping name	UN ID No	Class	LABELLING REQUIREMENTS	Packaging Instruction [road]	Packaging Instruction [Air]	Explanation/Notes
Cell lines classified as group 1 Biological Agents shipped .	Not subject to regulations	-	-	-	-	-	Not subject to the requirements of the regulations as the substances do not present any hazard to humans or animals
Cell lines classified as group 1 Biological Agents shipped on dry ice.	Dry ice	1845	9		-	904	The cell lines are not subject to the regulations but dry ice is.
Wild type micro-organism and disabled strains of micro-organisms classified as group 1 BAs	Not subject to regulations	-	-	-	-	-	Not subject to the requirements of the regulations as the substances do not present any hazard to humans or animals
Naked nucleic acid, plasmids or liposome gene delivery systems	Not subject to regulations	-	-	-	-	-	
Body fluid or tissue [e.g. blood, sputa, tissue biopsy] human/animal donor sources <b>which may contain harmful pathogen</b>	Biological substance Category B	3373	6.2		650	650	As it cannot be categorically stated that they are pathogen free UN 3373 is applied as a minimum
Primary cell cultures of above	<b>Biological substance Category B</b>	3373	6.2		650	650	As it cannot be categorically stated that they are pathogen free UN 3373 is applied as a minimum
A blood samples from human donors in region where there is a high risk of HIV/HEP B or from known at risk group	Biological substance Category B	3373	6.2		650	650	There is a higher likelihood of infection than from normal human donor - but the virus is not in the cultured form. If it were UN 2814 would apply
Small universal containing a sample of human lung tissue from TB infected patient fixed in 4%formaldehyde	Not subject to regulations	-	-	-	-	-	Tissue is rendered non infectious and concentration & volume of formaldehyde make it an exempt package
Non cultured form of Clostridium botulinum	<b>Biological substance Category B</b>	3373	6.2		650		Pathogen listed as being in a cultured form in Category A are unlikely to cause infection in non cultured form therefore can be classified at Cat B

Culture of Clostridium Botulinum	Infectious Substance affecting humans	2814			620	602	On the indicative list if in cultured form
Culture of clinical specimen taken from cow in herd known to be affected by Foot and Mouth Disease	Infectious Substance affecting animals	2900			620	602	On the indicative list if in cultured form
Genetically modified hazard group 1 bacteria that are the result of a class 1 GM activity as glycerol stocks.	Not subject to regulations	-	-	-	-	-	Do not meet the definition of an infectious substance and are not vectors and handled at CL 1.
Genetically modified cell lines of human or animal origin resulting from a Class 1 GN activity..	Not subject to regulations	-	-	-	-	-	Do not meet the definition of an infectious substance and are not vectors and handled at CL 1.
Genetically modified retroviral vector assigned to Class 1 [ require CL 1]	Genetically Modified Microorganisms	3245	9		904	913	Although they can be handled at CL 1 they are vectors and can transfer genetic material.
Culture of genetically modified Burkholderia Psuedomallei.	Infectious Substance affecting humans	2814			620	602	Will be a class 3 activity and is on the indicative list. The UBSA must be informed as HSE must be notified of intention to transport within UK or abroad.