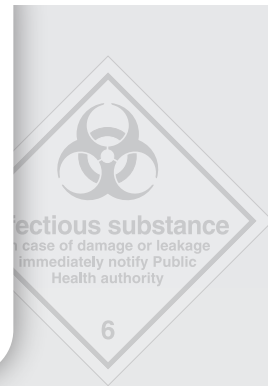




CARGO SCHOOL

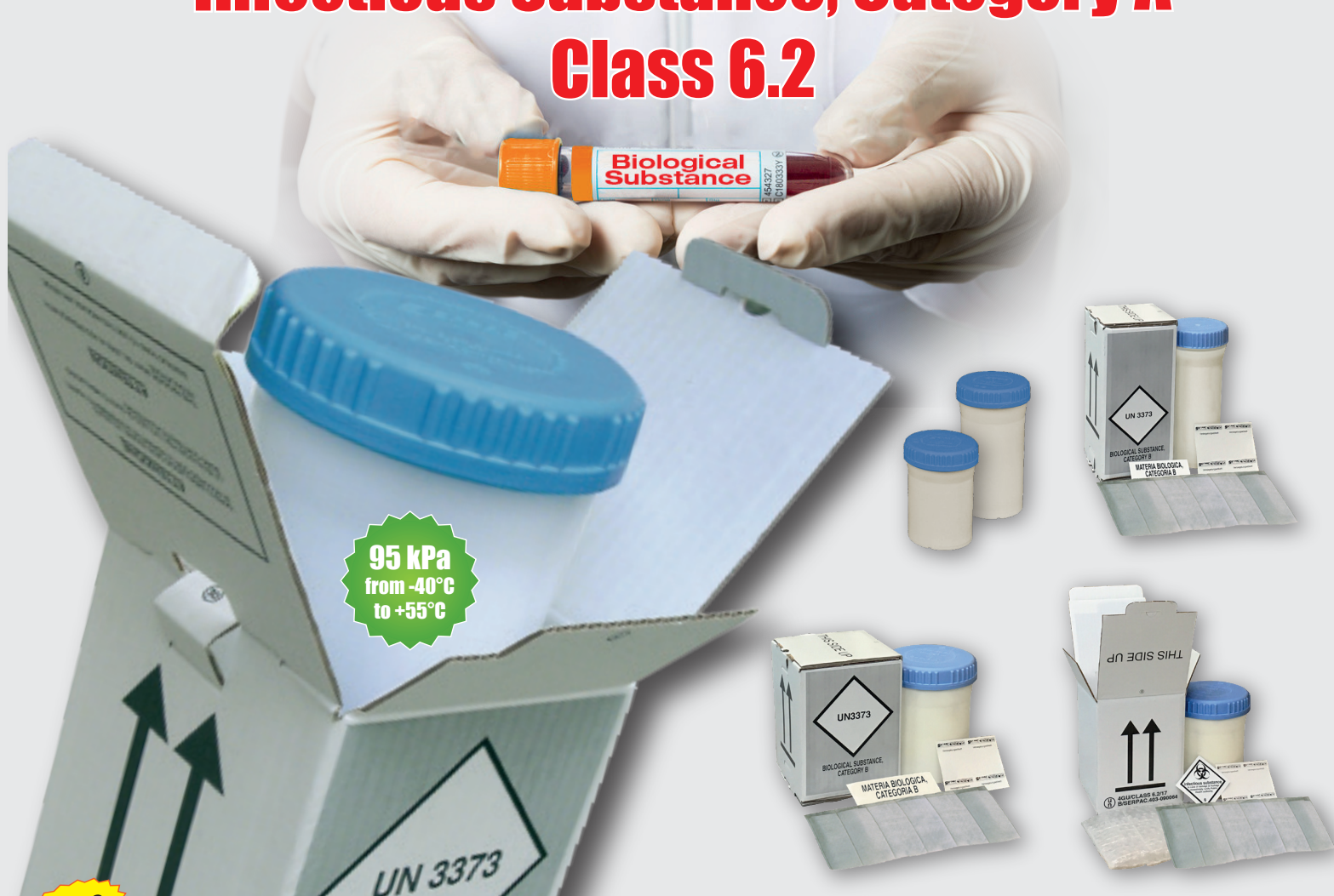
QUALITY TRAINING FOR SAFE TRANSPORT

QUALITY AND SAFETY AT YOUR SERVICE



Packagings for UN3373 and UN2814 / UN2900

Biological Substance, Category B Infectious Substance, Category A Class 6.2



BIO HAZ MAT
App for all class 6.2
shipments in ADR / IATA

Information about:

- How to pack;
- How to label;
- How to mark;
- Maximum quantities;
- Documentation.

Prepare your shipment of:

- UN2814 Infectious Substance, affecting humans;
- UN2900 Infectious Substance, affecting animals;
- UN3373 Biological Substance, Category B;
- Exempt Human Specimen;
- Exempt Animal Specimen.

Download:



0702-052490



www.cargoschool.com



forpackningar@cargoschool.com

Useful information

How to ship **UN3373** correctly?

The characteristics of the packaging

For the shipment of samples, such as blood, tissues or swab, when they fall under the UN classification **“Biological Substance, Category B”**, an appropriate packaging is needed in accordance with the regulations for dangerous goods.

Biological Substance, Category B requires packaging made of a primary receptacle, a secondary packaging and an outer packaging.

The regulations of dangerous goods require that the UN3373 samples (blood, urine, tissues, ...) are placed in the certified container. Certified must be either primary or secondary container - it must resist an internal pressure of 95 kPa, as required by ADR, RID, ADN, IMDG and ICAO/IATA.

Primary receptacles and secondary packaging must be placed in an outer packaging. The completed package must be able to withstand **the drop tests from the height of 1,2 m** as required by the P650 ADR (by road), P650 RID (by rail), P650 ADN (by waterway), P650 IMDG (by sea) and P.I. 650 IATA (by air).



The primary receptacle contains the biological sample.



The absorbent material must be in sufficient quantity to absorb any losses. In case of multiple primary packagings, they must be separated from each other.



The secondary packaging must be **95kPa certified** (unless the primary one is).



The outer packaging must be of the minimum required dimensions and is provided with an interior support.



The completed package, ready to be shipped, has successfully passed the drop tests from the height of 1,2 m.



Packaging complies with the shipment of Biological Substance Category B, UN3373.

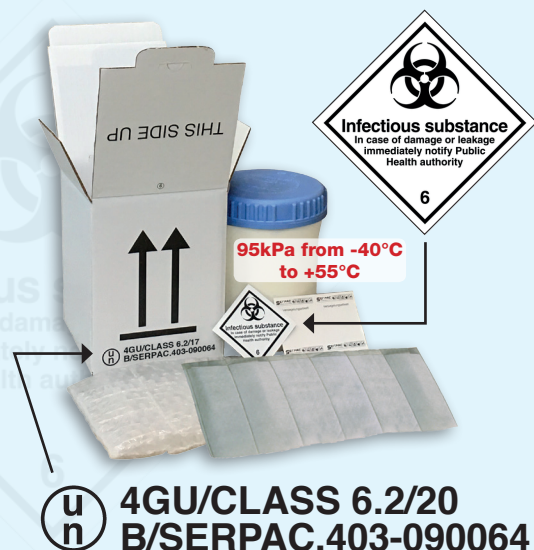
How to ship **UN2814** and **UN2900** correctly?

The characteristics of the packaging

For the shipment of **“Infectious Substances, Category A (UN2814 – UN2900)”** an **UN approved packaging for class 6.2** must be used.

The wording “Class 6.2”, as required by the regulation, is part of the UN Mark of the approved package. Our packaging for Infectious Substances is UN 4GU certified, this allows to place any type of test tube inside the plastic jar.

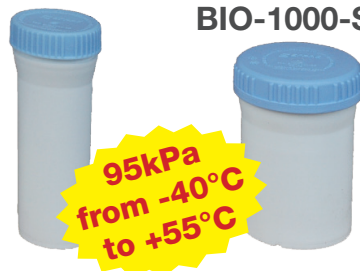
Any other certified 4G Class 6.2 packagings (not the 4GU), **may be used but only with the specific inner packagings that it has been tested with.** To ship in compliance with the different regulations, P620 ADR, P620 RID, P620 ADN, P620 IMDG, P. I. 620 IATA must be followed, according to the chosen shipping method. The regulation for dangerous goods requires that the primary or secondary package **must resist, without any losses, the inner pressure of 95 kPa and temperature from -40°C to +55°C.**



Secondary packagings 95kPa for UN3373

BIO-0500-SB

BIO-1000-SB



Secondary packaging - Jars

- In compliance with P650 ADR, RID, ADN, IMDG and P. I. 650 IATA.
- Certified 95kPa from -40°C to +55°C.
- May be in direct contact with dry ice.
- May be customized with the company's logo.

Code	Dimensions outer mm	Dimensions inner jar mm	Capacity liter	Contact us for your price			
				25	50	100	200
BIO-0500-SB	Ø 85x197h	Ø 60x182h	0,500	forpackningar@cargoschool.com			
BIO-1000-SB	Ø 125x160h	Ø 100x149h	0,950	forpackningar@cargoschool.com			

Complete packagings for UN3373

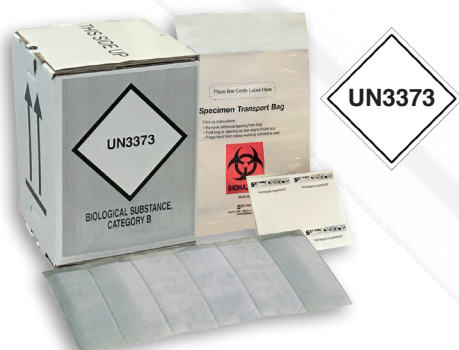


Complete packaging includes jar - 0,5 L

- Provided with certified jar (95 kPa, from -40°C to +55°C).
- In compliance with P650 ADR, RID, ADN, IMDG and P. I. 650 IATA.
- Marked "UN3373 Biological Substance, Category B".

Code	Cardboard type	Dimensions outer mm	Dimensions inner jar mm	Capacity liter	Contact us for your price			
					15	30	60	120
BIO-0501-SB	glossy box	102x102x215h	Ø 60x182h	0,500	forpackningar@cargoschool.com			
BIO-0520-SB	matte box	102x102x215h	Ø 60x182h	0,500	forpackningar@cargoschool.com			

Contains: secondary container - plastic jar, cardboard interposition, 1 absorbent pouch of 6 slots, LAB-1169-PC label (Biological Substance, Category B), instruction sheet, security seal, outer cardboard packaging marked UN3373 - Biological Substance, Category B



Complete packaging includes bag

- Provided with certified bag (95 kPa, from -40°C to +55°C).
- In compliance with P650 ADR, RID, ADN, IMDG and P. I. 650 IATA.
- Marked "UN3373 Biological Substance, Category B".

Code	Cardboard type	Dimensions outer mm	Dimensions inner bag mm	Capacity liter	Contact us for your price			
					16	32	64	128
BIO-0502-SB	glossy box	130x130x180h	150x180h	-	forpackningar@cargoschool.com			
BIO-2032-SB	matte box	130x130x180h	150x180h	-	forpackningar@cargoschool.com			

Contains: secondary container - bag, cardboard interposition, 1 absorbent pouch of 6 slots, LAB-1169-PC label (Biological Substance, Category B), instruction sheet, security seal, outer cardboard packaging marked UN3373 - Biological Substance, Category B



Complete packaging includes jar - 1 L

- Provided with certified jar (95 kPa, from -40°C to +55°C).
- In compliance with P650 ADR, RID, ADN, IMDG and P. I. 650 IATA.
- Marked "UN3373 Biological Substance, Category B".

Code	Cardboard type	Dimensions outer mm	Dimensions inner jar mm	Capacity liter	Contact us for your price			
					16	32	64	128
BIO-2000-SB	glossy box	130x130x180h	Ø 100x149h	0,950	forpackningar@cargoschool.com			
BIO-2030-SB	matte box	130x130x180h	Ø 100x149h	0,950	forpackningar@cargoschool.com			

Contains: secondary container - plastic jar, cardboard interposition, 1 absorbent pouch of 6 slots, LAB-1169-PC label (Biological Substance, Category B), instruction sheet, security seal, outer cardboard packaging marked UN3373 - Biological Substance, Category B

Complete packaging UN2814/UN2900

Complete packaging includes jar - 1 L

- Provided with certified jar (95 kPa, from -40°C to +55°C).
- In compliance with P620 ADR, RID, ADN, IMDG and P. I. 620 IATA.
- Tested for all types of primary packages.

Code	Cardboard type	Dimensions outer mm	Dimensions inner jar mm	Capacity liter	Contact us for your price			
					16	32	64	128
BIO-3000-SB	glossy box	130x130x180h	Ø 100x149h	0,950	forpackningar@cargoschool.com			
* BIO-3030-SB	matte box	130x130x180h	Ø 100x149h	0,950	forpackningar@cargoschool.com			

Contains: secondary container - plastic jar, cardboard innerposirion, 1 absorbent pouch of 6 slots, LAB-T621-PC label (Infectious substance), instruction sheet, security seal, outer cardboard packaging.



BIO-3030-SB

* Outer cardboard box pre-printed with Class 6.2 label.



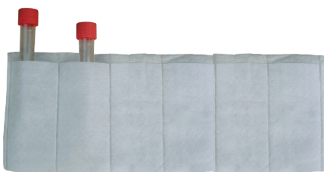
Accessories for packagings for Biological and Infectious Substances



BIO-803-SB
Absorbent pad



BIO-804-SB
Absorbent sheet



BIO-807-SB
Absorbent bag with 6 holes



BIO-802-SB
Air bubbles pocket

Prepare a shipment of **UN2814 / UN2900 Infectious Substances, Category A** or **UN3373 Biological Substances, Category B** is certainly a delicate job, which must be done correctly. An example of this type shipping is the shipping of test tubes for analysis. For shipping safe and compliant, there are UN approved packaging which must be used. In addition to these packagings, protective and absorption equipments must also be provided. We have collected a number of products to ensure greater safety both from the point of view of absorption and from that protection from possible shocks during transport.

Code	Dimensions mm	Absorption ml	Pack of	Contact us for your price			
				1	2	3	4
BIO-803-SB	100x75h	100	100	forpackningar@cargoschool.com			
BIO-804-SB	150x150h	200	100	forpackningar@cargoschool.com			
BIO-807-SB	260x120h	250	50	forpackningar@cargoschool.com			
BIO-802-SB	300x125h	-	50	forpackningar@cargoschool.com			