

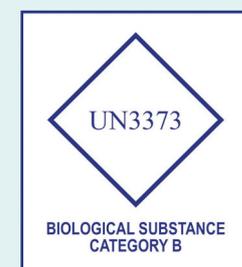


SpeciSafe 

UN3373 Sample Transport Are You at Risk?

Find out how to package and transport biological samples safely and in accordance with the UN3373 regulations.

- Supporting Category B sample transport compliance
- Transportation solutions for Road and Air
- A range of options for Secondary and Outer packaging



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supplying quality to science

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Introduction

Whether for medical diagnostic purposes, clinical trials or research, getting patient and other biologically hazardous samples safely from their source to the laboratory can be problematic.



Biological specimens fall under the Dangerous Goods Regulations since they may contain pathogens. Their transport is strictly controlled and it is a legal and mandatory requirement to comply with the regulations. This ensures that all such parcels, and their contents, reach their destination in good condition, whilst not endangering the environment or anyone who comes into contact with them during their journey.

Samples such as blood, tissue, excreta, secreta etc. from humans or animals (which are not assigned to Category A, Infectious Substances), are considered to be Category B Biological Substances. These are assigned to UN3373 and must be packaged according to the Dangerous Goods IATA (air) or ADR(road) Packing Instruction 650 for transport.

Alpha Laboratories provides a wide range of sample packaging materials that help make your regulatory compliance convenient, consistent and cost-effective.

Understanding the Regulations

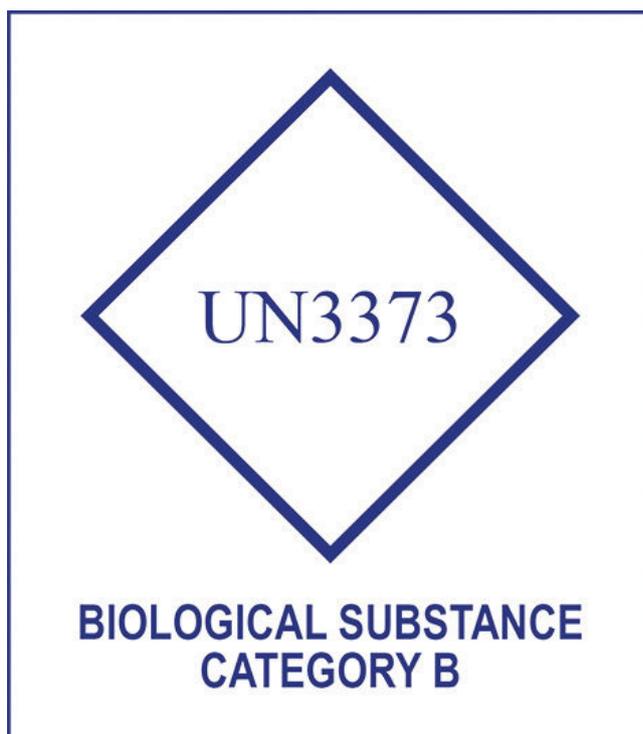
UN3373 Standard – Key Requirements

Packaging must be strong and of good quality to withstand vibration or changes in temperature, humidity or pressure encountered during transport.

It must prevent any loss of contents.

The P650 packaging instructions for liquid substances state:-

- i. The primary receptacle(s) shall be leak proof
- ii. The secondary packaging shall be leak proof
- c. If multiple fragile primary receptacles are placed in a single secondary packaging, they shall be either individually wrapped or separated to prevent contact between them
- d. Absorbent material shall be placed between the primary receptacle(s) and the secondary packaging. The absorbent material shall be in quantity sufficient to absorb the entire contents of the primary receptacle(s) so that any release of the liquid substance will not compromise the integrity of the cushioning material or of the outer packaging
- e. The primary receptacle or the secondary packaging shall be capable of withstanding, without leakage, an internal pressure of 95 kPa (0.95 bar).



SpeciSafe® Secondary Mailing Packs for 95kPa Vials

SpeciSafe® Provides a Safe, Convenient and Economical UN3373 Compliant Secondary Sample Packaging Solution

SpeciSafe replaces the secondary packaging and combines a unique, internally bonded super absorbent lining within a single piece shock-resistant container.

This can be placed directly in a padded envelope or bag, ready for posting. What's more, the SpeciSafe pack dimensions minimise postage costs. Depending on the sample vial size they can be mailed at large letter or small packet rate.

SpeciSafe packs are available in a range of designs to fit perfectly around commonly used 95 kPa sample vessels.

Benefits of SpeciSafe Packs

- n Shock resistant primary container protection
- n Built-in ultra-absorbent Gel Block – absolutely no leaks!
- n Clear plastic side enables visibility of sample to easily read patient details
- n Visible spillage indication prior to opening protects users
- n User friendly, quick and intuitive use
- n The pre-moulded packs keep multiple primary containers separated from each other
- n Compliant flat-pack design minimises postage costs

Ultra-Absorbent Lining Eliminates Leakage

The unique feature of SpeciSafe packaging products is an internally bonded ultra-absorbent lining which soaks up any leakage in seconds.

The material is so absorbent that 1m² can soak up as much as 20 litres of liquid.

Once the lining has absorbed its maximum amount of liquid, it becomes a watertight barrier and effectively seals the SpeciSafe pack preventing any leakage from the secondary container.



When used with 95kPa primary containers, SpeciSafe meets all requirements of UN3373 for secondary packaging.



SpeciSafe® for Screw Cap Microtubes or Serum Vials

SpeciSafe secondary mailing packs suitable for transporting blood serum type tubes or 0.5, 1.5 or 2.0ml microtubes.

SH1700SS and SH1800SS also include tube stands to secure tubes for opening on the bench.

SH1800SS can also be used to transport a single 1.2ml Monovette tube.

SpeciSafe for Microtubes or Serum Vials

Catalogue Number	Description	Pack Size
SH0100SS	SpeciSafe Packs to hold 10 Serum Vials	250
SH0110SS	SpeciSafe Packs to hold 10 Serum Vials	50
SH0300SS	SpeciSafe Packs to hold 6 Serum Vials	210
SH0310SS	SpeciSafe Packs to hold 6 Serum Vials	50
SH1300SS	SpeciSafe Packs to hold 3 Serum Vials	500
SH1700SS	SpeciSafe Packs to hold 1 Serum Vial or Paediatric Blood Tube	450
SH1800SS	SpeciSafe Packs to hold 2 Serum Vials or Paediatric Blood Tubes	500



SH0100SS



SH0300SS



SH01700SS



SH01800SS

SpeciSafe® for Vacuum Blood Collection Type Tubes

Ensure safe and compliant transport of various types of evacuating blood collection tubes with this range of SpeciSafe secondary mailing packs. These packs also accommodate microtubes, serum vials and cryovials.



SH0200SS



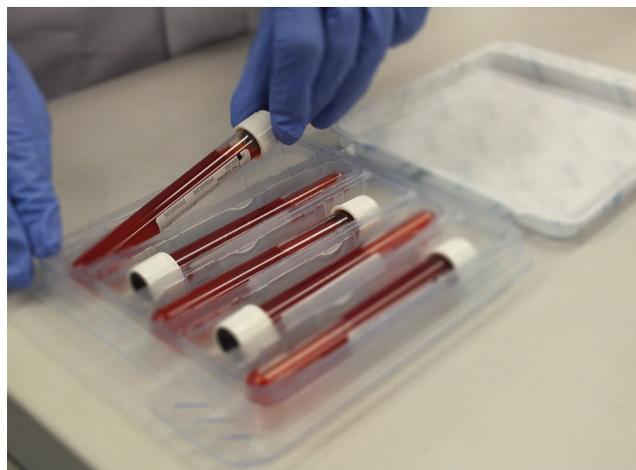
SH0400SS



SH0500SS



SH0701SS



SpeciSafe for Vacuum Blood Collection Tubes			
Catalogue Number	Description	Alternative Use	Pack Size
SH0200SS	SpeciSafe Packs to hold 3 Blood Type Tubes up to 6.5ml*	6x 0.5, 1.5 or 2.0ml screw cap microtubes/serum vials or 6x cryovials (<2ml) or 3x cryovials (2-5ml)	210
SH0210SS	SpeciSafe Packs to hold 3 Blood Type Tubes up to 6.5ml*	6x 0.5, 1.5 or 2.0ml screw cap microtubes/serum vials or 6x cryovials (<2ml) or 3x cryovials (2-5ml)	50
SH0400SS	SpeciSafe Packs to hold 2 Blood Type Tubes up to 10.5ml*	2 smaller blood tubes PLUSa 0.5, 1.5 or 2.0ml screw cap microtube/serum vial or cryovial	300
SH0410SS	SpeciSafe Packs to hold 2 Blood Type Tubes up to 10.5ml*	2 smaller blood tubes PLUSa 0.5, 1.5 or 2.0ml screw cap microtube/serum vial or cryovial	100
SH0500SS	SpeciSafe Packs to hold a Single Blood Type Tube up to 10.5ml*	1x cryovial (< 5ml) or 1x 0.5, 1.5 or 2.0ml screw cap microtubes/serum vials	500
SH0510SS	SpeciSafe Packs to hold a Single Blood Type Tube up to 10.5ml*	1x cryovial (< 5ml) or 1x 0.5, 1.5 or 2.0ml screw cap microtubes/serum vials	100
SH0701SS	SpeciSafe Packs to hold 5 Blood Type Tubes up to 10.5ml (Universal Fit)	5x Transport Tubes (5 or 10ml)	150

*Please request a sample to check the fit of the blood tubes that you use

SpeciSafe® for Universal Containers

These SpeciSafe secondary mailing packs are designed to fit standard 30ml Universal type tubes commonly used as urine or faeces sample containers. There is a single or triple tube option available.



SH1400SS

SpeciSafe for Universal Containers		
Catalogue Number	Description	Pack Size
SH0600SS	SpeciSafe Packs to hold a Single Universal Container	300
SH0610SS	SpeciSafe Packs to hold a Single Universal Container	100
SH1400SS	SpeciSafe Packs to hold 3 Universal Containers	160



SH0600SS

SpeciSafe® for Glass Serum Vials



SpeciSafe for Glass Serum Vials

Catalogue Number	Description	Pack Size
SH0800SS	SpeciSafe Packs to hold 4 Glass serum vials	210

SpeciSafe® for Transport / Swab Tubes or Bijou Containers

This SpeciSafe pack is suitable for transporting a single compact swab container and similar tubes – popular for sexual health screening and evidence kits. Also compatible with 7ml Bijou type containers and will accommodate two of these.



SpeciSafe for Swab Tubes or Bijou Containers

Catalogue Number	Description	Pack Size
SH0900SS	SpeciSafe Packs to hold 1 Swab Tube or 2 x Bijous	300

SpeciSafe® for Large Volume Sample Containers (SampleTite™)

Large volume sample containers used to collect and transport urine, faeces or tissue specimens can be accommodated in the SH1500SS SpeciSafe. It can hold 3 x 40ml, 2 x 60ml or 1 x 90ml SampleTite or similar containers, or any two different volumes in combination.



SpeciSafe for Large Volume Sample Containers

Catalogue Number	Description	Pack Size
SH1500SS	SpeciSafe Packs to hold up to 3 Large Volume Sample Containers	170



Mailing Bags and Envelopes to Complete your Sample Transport Solution

When a 95kPa primary container is used with SpeciSafe secondary packaging, the SpeciSafe meets the "rigid" requirements of the UN3373 regulations, hence only an outer flexible envelope is required. These flexible envelopes are made from lightweight polyethylene and used together with SpeciSafe can help to minimise postage costs, enabling many sample packages



Mailing Bags and Envelopes

Catalogue Number	Description	Pack Size
SH1000	UN3373 Labelled White Polyethylene C5 Size Envelopes	500
SH1010	UN3373 Labelled White Polyethylene C5 Size Envelopes	100
FO013-500	UN3373 Labelled White Polyethylene C4 Size Envelopes	500
FO013-100	UN3373 Labelled White Polyethylene C4 Size Envelopes	100
SH1200	UN3373 Labelled Mail Tuff Plastic Envelopes with Bubble Wrap Padded Liner. Size 260 x 175mm	100

Off-the-Shelf or Customised for You

Combining SpeciSafe packaging with the primary sample containers and UN3373 labelled envelopes provides a convenient and complete solution.

SpeciSafe and envelopes can even be customised with labels to include your required address and unique Royal Mail business reply reference. Ideal for clinical trials packs etc. Contact us to discuss your needs and obtain a quotation.

UN3373 Compliant Biological Sample Transport Packaging for all Container Types

Even if your specimen container does not fit a standard SpeciSafe® pack, the extensive range of other biological sample packaging materials from Alpha Laboratories provides totally flexible and convenient solutions for transporting all types of laboratory sample containers by road or air. Always follow UN3373 guidelines to ensure the correct packaging materials are used for your sample type, volume and transport method.

Complete Mailing Systems

The Rigid Flexible 95 Complete Mailing Systems meet the UN3373 P650 packaging instruction and offer a complete solution for sample containers which do not fit into any of the SpeciSafe range, or where the primary container is not 95kPa compliant.

They comprise a 95kPa pouch, with appropriately sized absorbent sheet, and an outer rigid box, already labelled with all appropriate UN3373 required information. They also include a tamper evident seal.

Available in 5 different sizes, with an option for an insulated pack, they are compatible with a vast range of sample containers.

All the components can also be purchased individually ensuring even greater flexibility in the choice of packaging materials for the laboratory and ensuring minimal postage costs are incurred.

Packaging kits are supplied flat packed to minimise storage space requirements and have full instructions for assembly.



Complete Mailing Systems

Catalogue Number	Description	Box Size	Pouch Size	Absorbent Size	Additional Items	Pack Size
RF95-LL1	Rigid Flexible 95 LL1	192 x 147 x 24mm	C5 150 x 205mm	50ml 75 x 125mm	Security Seal	25
RF95-200G	Rigid Flexible 95 200G	194 x 125 x 43mm	C5 150 x 205mm	100ml 125 x 150mm	Security Seal	25
RF95-330G	Rigid Flexible 95 330G	194 x 125 x 68mm	C5 150 x 205mm	100ml 125 x 150mm	Security Seal	25
RF95-500G	Rigid Flexible 95 500G	194 x 125 x 102mm	C4 198 x 298mm	200ml 150 x 250mm	Security Seal	25
RF95-1K	Rigid Flexible 95 1K	251 x 194 x 102mm	C4 198 x 298mm	200ml 150 x 250mm	Security Seal	25
RFI95-1K-7	Rigid Flexible 95 System Insulated 1K	251 x 194 x 102mm	C4 198 x 298mm	200ml 150 x 250mm	Security Seal, expanded polystyrene insulation	7

Absorbent Sheets

These super absorbent sheets can be used with all types of packaging to help meet UN3373 regulations. Available in 4 sizes specified by the volume that they can absorb, simply choose the one that will absorb at least the total volume of your sample. More than one sheet can be added to any packaging if required, to ensure that it would absorb all the sample in the event of catastrophic leak.

A 4 bay absorbent pouch is also available, suitable for sending up to 4 blood type or similar tubes. This keeps the tubes separated from each other, without the need to wrap each one individually.

Absorbent Sheets

Catalogue Number	Description	Pack Size
AB001	Absorbent Sheet 75 x 125mm - absorbs 50ml	1000
AB001-100	Absorbent Sheet 75 x 125mm - absorbs 50ml	100
AB002	Absorbent Sheet 125 x 150mm - absorbs 100ml	500
AB002-100	Absorbent Sheet 125 x 150mm - absorbs 100ml	100
AB003	Absorbent Sheet 150 x 250mm - absorbs 200ml	500
AB003-100	Absorbent Sheet 150 x 250mm - absorbs 200ml	100
AB004	Absorbent Sheet 250 x 300mm - absorbs 400ml	250
AB004-100	Absorbent Sheet 250 x 300mm - absorbs 400ml	100
AB010	Absorbent 4 Bay Pouch for up to 4 blood tubes	500
AB010-100	Absorbent 4 Bay Pouch for up to 4 blood tubes	100



Flexible Secondary 95kPa Pouches

The Flexible Secondary Pouches are the ideal solution for transporting sample containers where the pressure resistance is either unknown or not certified to be 95kPa compliant. They are also useful for any sample container which does not fit into any of the moulded SpeciSafe transport containers. Pouches can be used as the secondary packaging option when combined with a rigid outer box. The rigid outer can be an individual one, or a hospital courier transport box designed to hold several samples. In this way the pouches can be used to meet the UN3373 regulations P650 packaging instruction for transport of category B biological samples by road. The IATA pouches must be used for air transport.

95kPa Pouches - Road Transport (ADR)

The 95kPa pouches carry full instructions and areas to write sender and recipient details, plus check boxes for temperature requirements. They also carry a unique sequential barcoded number for easy package recognition. The C5 and C4 pouches have a document wallet on the reverse side. For security, the flexible secondary pouches include a tamper evident seal. Pouches can be purchased on their own or with appropriately sized absorbent in various pack sizes.



ADR 95kPa Pouches

Catalogue Number	Description	Pack Size
FS95-C3	Flexible Secondary 95kPa Pouch C3	250
FS95-C3-100	Flexible Secondary 95kPa Pouch C3	100
FS95-C4	Flexible Secondary 95kPa Pouch C4	500
FS95-C4-100	Flexible Secondary 95kPa Pouch C4	100
FS95-C5	Flexible Secondary 95kPa Pouch C5	1000
FS95-C5-100	Flexible Secondary 95kPa Pouch C5	100
FS95-C6-100	Flexible Secondary 95kPa Pouch C6	100
FS95-C6-500	Flexible Secondary 95kPa Pouch C6	500

95kPa Pouches for Air Transport (IATA)

The IATA flexible secondary pouches have undergone much more rigorous testing at both -40C and +55C to ensure they are robust enough to withstand the changes in pressure and temperature they may encounter during air transport. They include a document wallet and have a lot number.

These IATA compliant pouches can be used as the secondary packaging option when combined with a rigid outer box.



IATA 95kPa Pouches

Catalogue Number	Description	Pack Size
FS95-C3-IATA	Flexible Secondary IATA 95kPa Pouch C3	250
FS95-C3-100-IATA	Flexible Secondary IATA 95kPa Pouch C3	100
FS95-C4-IATA	Flexible Secondary IATA 95kPa Pouch C4	300
FS95-C4-100-IATA	Flexible Secondary IATA 95kPa Pouch C4	100
FS95-C5-IATA	Flexible Secondary IATA 95kPa Pouch C5	700
FS95-C5-100-IATA	Flexible Secondary IATA 95kPa Pouch C5	100
FS95-C6-IATA	Flexible Secondary IATA 95kPa Pouch C6	500
FS95-C6-100-IATA	Flexible Secondary IATA 95kPa Pouch C6	100

95kPa Pouches for Road Transport (ADR) - with Absorbent

For added convenience these pouches come complete with the appropriately sized absorbent sheet.



Pouches and Absorbent Sheet

Catalogue Number	Description	Pack Size
FS95-C3A-100	Flexible Secondary 95kPa C3 Pouch with 200ml Absorbent Sheet	100
FS95-C3A-500	Flexible Secondary 95kPa C3 Pouch with 200ml Absorbent Sheet	500
FS95-C4A-100	Flexible Secondary 95kPa C4 Pouch with 100ml Absorbent Sheet	100
FS95-C4A-500	Flexible Secondary 95kPa C4 Pouch with 100ml Absorbent Sheet	500
FS95-C5A-100	Flexible Secondary 95kPa C5 Pouch with 50ml Absorbent Sheet	100
FS95-C5A-1000	Flexible Secondary 95kPa C5 Pouch with 50ml Absorbent Sheet	1000
FS95-C6A-100	Flexible Secondary 95kPa C6 Pouch with 50ml Absorbent Sheet	100
FS95-C6A-500	Flexible Secondary 95kPa C6 Pouch with 50ml Absorbent Sheet	500

Rigid Outer Containers



These containers are the same boxes as used in the Complete Mailing System, available for purchase separately. Use these boxes when you need to tailor the packaging to exactly suit your needs. The Rigid Outer Containers are available in 5 useful sizes with one insulated option. All boxes are supplied flat packed to minimise storage requirements and have full instructions for assembly. They can be used together with SpecSafe® as well as with 95kPa pouches.



Rigid Outer Containers

Catalogue Number	Description	Pack Size
RO-LL1	Rigid Container Dimensions: 192 x 147 x 24mm	35
RO-200G	Rigid Container Dimensions: 194 x 125 x 43mm	35
RO-330G	Rigid Container Dimensions: 194 x 125 x 68mm	35
RO-500G	Rigid Container Dimensions: 194 x 125 x 102mm	30
RO-1K	Rigid Container Dimensions: 251 x 194 x 102mm	30
ROI-1K-7	Insulated Rigid Container Outer Dimensions: 251 x 194 x 102mm	7

UN3373 Sample Carriers

The MedDXTAINER Medical Sample Carrier is a popular choice with medical couriers and hospital transport. Used for the collection of multiple samples from off-site clinics and laboratories, this ABS plastic carrier can be stacked and locked, enabling three or four units to be carried together.

The medical sample carrier is regulatory marked and should be used in conjunction with a secondary packaging. If primaries are not 95kPa we advise the use of the 95kPa pouches to ensure compliance.

A range of additional options are available including shoulder straps, trolley, security components and EPP insulated liners for refrigerated shipments. Please enquire for details.

- ABS rigid plastic carrier ensures durability and reusability
- Foam lid and base sample protection pads
- Lockable stacking feature
- Regulatory complaint markings
- Carry handle



Medical Sample Carrier

Catalogue Number	Description	Pack Size
MDXT-4	MedDXTAINER 4 Medical Sample Carrier Dimensions: 415 x 315 x 340mm	Each
MDXT-5	MedDXTAINER 5 Medical Sample Carrier Dimensions: 415 x 315 x 445mm	Each

UN3373 Labels and Security Seals

Labels can be purchased to add to your own packaging solutions which comply with the UN3373 regulations. Save time and effort with labels directly from a roll. Also available is the tamper evident security seal. This has a special adhesive to ensure it cannot be removed without being torn so it becomes immediately obvious if the package has been previously opened.

UN3373 Labels and Security Seals

Catalogue Number	Description	Pack Size
LB001	Security Seal	1000
LB002	UN3373 label small	1000
LB003	UN3373 label large	1000





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