

Important information when shipping sewage samples

The shipping of the sewage samples to Denmark is not IATA¹ restricted as per SP A197.

Note: the contents of the parcel fall under the UN-category *UN3082 environmentally hazardous substance, liquid, n.o.s.* – but since the amount shipped is less than **5L**, the consequence is that it is **not IATA restricted as per SP A197**.

This means that when shipping the parcel, there should be no UN-diamond label on the outside of the parcel.

At departure, the sample material must be frozen (at -80°C), and the parcel must be packed to keep the sample material frozen for as long as possible, must protect the contents from leaking, and it must be ensured that the liquid is collected inside the parcel if a container leaks. This is described as follows by IATA in A197 and references (5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8).

IATA A197 and references indicate that the packaging used must be good quality packaging strong enough to withstand the shocks and loadings normally encountered in transport, including removal from a pallet, unit load device or over pack for subsequent manual or mechanical handling. Packages must be constructed and closed to prevent any loss of contents under normal conditions of transport, by vibration, changes in temperature, humidity or pressure. Packages (including inner packaging and receptacles) must be closed in accordance with the information provided by the manufacturer. No dangerous residue must adhere to the outside of packages. These provisions apply, as appropriate, to new, reconditioned or remanufactured packaging.

Parts of packaging which are in direct contact with the sample material:

- a) Must not be affected or significantly weakened by the sample material;
- b) Must not cause a dangerous effect, e.g. catalyzing a reaction or reacting with the sampling material; and
- c) Must not allow permeation of the sample material that could constitute a danger under normal conditions of transport

When filling packaging for liquids, sufficient ullage (outage) must be left to ensure that neither leakage nor permanent distortion of the packaging will occur as a result of an expansion of the liquid caused by temperatures likely to prevail during transport. Liquids must not completely fill a packaging at a temperature of 55°C.

¹ International Air Transport Association

In summary:

When shipping, the sewage samples must be frozen at -80°C, the contents of one parcel must not exceed 5L of waste water, and packaging must be strong and of good quality.

The primary receptacles should be packed in secondary packaging so that under normal conditions of transport, they cannot break, puncture or leak their contents into the secondary packaging. Secondary packaging should be secured in outer packaging with suitable cushioning material. ***Any leakage must not compromise the integrity of the cushioning material or of the outer packaging.***

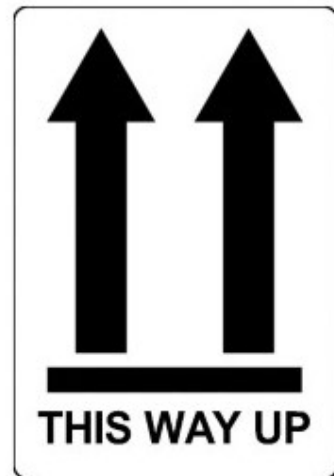
Any instructions from packaging manufacturers or distributors on filling and closing the packages must be followed to enable the package to be correctly prepared for transport.

On the external surface of the outer packaging

The label 'This way up' is mandatory (it might already be printed on the outer packaging).

This example may be printed and taped to the parcel. No diamond-shaped labels are required for the shipment of this parcel (because the content is not IATA restricted as per SP A197).

Indicate the name and address of the shipper and of the consignee.



Documentation

In the AWB for the 'full description of contents', indicate **Water samples, not IATA restricted as per SP A197.**

Appendix X is a letter from Professor Frank M. Aarestrup that indicates the contents of the shipment, and states that the shipment does not contain dry-ice. Print the letter, and make sure to add it with the AWB when sending the parcel (the letter is intended for those that handle the parcel that when they see on the x-ray that something in the parcel is very cold, they are informed that it is not a sign of dry-ice, and to confirm that the parcel is not IATA restricted as per SP A197)

An import permit is not required.

A Shipper's Declaration for Dangerous Goods is not required.