



Calibrated Permeation Source Storage and Handling Information

Always consult the MSDS before handling permeation sources

Storage

To extend the life of permeation sources and minimise release into the storage container a recommended storage temperature is stated on the outside of the source packaging.

Prior to storage purge the storage container with a dry, inert gas. Desiccant such as silica gel should be placed in the storage container to prevent moisture build up. Condensation on the outside of the permeation source may invalidate the stated permeation rate.

Always open the storage container in a well ventilated area or in a properly extracting fume hood.

Handling

Always open permeation source packaging in an adequately ventilated space such as a fume hood.

Keep permeation sources away from sharp objects to avoid lancing or puncturing. If a permeation source does not fit easily inside the oven of the Owlstone Vapour Generator (OVG) do not force.

Do not expose permeation sources to sources of heat above that recommended for permeation.

Permeation sources are typically left unattended in the Owlstone Vapour Generator (OVG) when in use. Always label the front of the OVG when a permeation source is loaded.

Rupture

Under normal circumstances, if handled properly and with due caution, permeation sources should pose no significant health hazard. However users must be aware that if a tube is accidentally damaged or over-heated then a potentially hazardous concentration may develop in a confined area.

Always consult the MSDS before handling permeation sources or tackling a spill.

After use always inspect a permeation sources carefully. Damaged permeation sources are not only a potential hazard to the user but may no longer permeate at the stated rate.