

Did you know ?

The MHRA have classified Medical Liquid Nitrogen as a Class IIA Medical Device.

What has changed?

BOC can now supply medical liquid nitrogen, for use in cryotherapy, cryosurgery and cryopreservation as a CE marked medical device.

To be able to CE mark the medical liquid nitrogen supplied for medicinal use, BOC had first to get their Quality Management System approved by its Notified Body to Standard BS EN ISO 13485 – 2012.

What does this mean?

The decision as to whether to use a CE marked medical device will always rest with the healthcare professional but the MHRA will always advocate that a CE marked device should be used, where one is available.

By purchasing BOC's CE marked medical liquid nitrogen, you get the assurance that the product has been manufactured correctly and is suitable for its intended use.

When is medical liquid nitrogen used?

Clinically, medical liquid nitrogen may be used as a cryogen, either by direct application topically or in conjunction with a CE marked medical device, which has been designed specifically to administer medical liquid nitrogen.

Applications include removal of:

- warts
- moles
- verrucas
- skin tags
- some skin cancers

Medical liquid nitrogen can also be used invasively in cryosurgery to remove unwanted tissue such as tumours where the cryogenic temperature is attained by using a CE marked probe device.

In addition, medical liquid nitrogen can be used for the storage of biological material, such as cells, tissues, blood, gametes at cryogenic temperatures, for subsequent medical procedures and analysis.

Who should I contact at BOC to discuss my medical liquid nitrogen requirements?

Whether you are a hospital clinic, doctor's surgery, a health centre or chiropodist, whatever treatments you offer, if there is a cryosurgery element, then BOC can help. Please call one of our team on 0161 930 6010.

Where can I get cryosurgery equipment?

BOC supply 2 sizes of CE marked applicators, 300ml and 500ml. We also supply a range of spray tips and attachable probes for different types of treatments.



Where can I get cryosurgery equipment?

Ideally, your LN dewar should be stored outside in a secure location. BOC can provide you with a LN specific combistore. If an outside location is not possible, then BOC can assess your particular set-up and advise on the safest place. Talk to our sales team to discuss your requirements, they can organise the delivery and installation of your combistore. BOC supplies a range of moving devices for rental or purchase, including tipping trolleys to ensure safe movement. We also supply withdrawal devices to decant liquid nitrogen safely and safety clothing for handling Liquid Nitrogen.

Please call one of our team on 0161 930 6010 to discuss your requirements.



BOC combistore for the safe storage of LN dewars, with rear view illustrating the necessary ventilation.

Safety Training

Are the people who handle liquid nitrogen aware of the hazards and received their cryogenic safety training? Contact BOC Healthcare Training on 0845 850 1892.

Participants will be trained to:

- Identify a range of medical liquid nitrogen containers and their associated components
- List the properties and hazards of liquid nitrogen
- Handle and transport liquid nitrogen safely

- Identify the correct PPE required for using and transporting liquid nitrogen
- Fill and decant from liquid nitrogen containers safely
- Understand and respond to oxygen depletion alarms, hazards and emergencies and observe local reporting procedures

BOC Healthcare

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