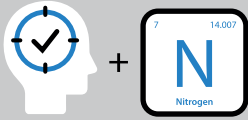


Liquid Nitrogen Safety

PRECAUTIONS WHILE HANDLING LIQUID NITROGEN

1



Treat liquid nitrogen and any object cooled with liquid nitrogen with respect.

2



Exercise care when handling, ensuring liquid nitrogen does not become trapped in clothing near the skin.

3



Always use safety glasses or a face shield while transferring liquid nitrogen.

4



Wear protective gloves when touching any object cooled by liquid nitrogen. Gloves should be loose fitting, so they could be thrown off if liquid were to pour inside them.

5



Only use approved unsealed containers for storing liquid nitrogen. Sealed container may lead to explosion.

6



Do not use in small poorly ventilated rooms. It could displace enough oxygen to cause suffocation. Nitrogen gas is colorless and odorless – the cloud that forms when you pour liquid nitrogen is condensed water vapor from the air, not nitrogen gas.

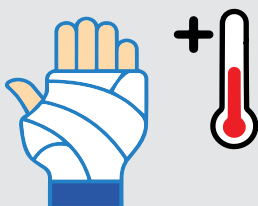
FIRST



AID



In case of potential suffocation from working with liquid nitrogen, promptly move the affected person to a well-ventilated area. If breathing has ceased, administer artificial respiration. If breathing is labored, provide oxygen. Contact a physician immediately.



In cases of frostbite resulting from exposure to liquid or cold gas, promptly return affected tissue to normal body temperature, approximately 98.6°F (37°C). Subsequently, shield the injured area from further harm and potential infection. Remove or loosen any clothing that might impede blood circulation to the frozen area. Seek medical attention immediately.