

Liquid Nitrogen is a cryogenic liquid. Cryogenic liquids are liquefied gases that are kept in their liquid state at very low temperatures. The vapours and gases released from cryogenic liquids remain very cold. Liquid nitrogen is a colourless, odourless, cryogenic liquid.

Staff using or possibly being in contact with liquid nitrogen shall be familiar with the MSDS and hazards and safety precautions of liquid nitrogen.

Chief risks include spills onto clothing/shoes and contact with the skin. Precautions include using personal protective equipment such as gowns, cryogloves and goggles.

**First Aid Measures:**

**Skin Contact:** For exposure to skin, immediately warm frostbite area with warm water not to exceed 41C.

**Eye Contact:** Immediately flush eyes thoroughly with warm water for at least 15 minutes. Hold the eyelids open and away from eyeballs to ensure that all surfaces are flushed thoroughly. See a physician immediately.

**Storage:** Store only where temperatures do not exceed 52C. Do not store in confined space. Cryogenic containers are equipped with a pressure relief device and a pressure controlling valve and under normal conditions, these containers will periodically vent product.

Ref:

Praxair Material Safety Data Sheet July 2007

Canadian Centre for Occupational Health & Safety [www.ccohs.ca](http://www.ccohs.ca)