



## Asphyxiation Hazard of Cryogenics and Liquid Nitrogen

By Peter Nagle

Cryogenic liquids, also known as cryogenics, are gases at normal temperatures and pressures. However, at extremely low temperatures they are liquids with boiling points that are below  $-238^{\circ}\text{F}$ . Cryogenics become liquefied at different temperatures and pressures; however they all have two things in common, they are extremely cold and a small amount of liquid can expand to a very large volume of air.

There are several hazards associated with cryogenics. They include fire, pressure, embrittlement of materials, asphyx









