



## 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





## First Aid Kits by Peter Nagle

One item EHS has been looking for during lab inspections is the possession of a first aid kit in each lab. OSHA regulations state that "adequate first aid supplies shall be readily available". The rule applies to treatment of minor injuries that may occur in the workplace and does not provide any exemptions to the rule regardless of workplace size or work performed. OSHA does not legally set as3(no)4(t)-12.2(r)8um1



