



PARTNERING WITH TOWNSHIPS

TOWNSHIP OFFICIALS OF ILLINOIS RISK MANAGEMENT ASSOCIATION

RISK REMINDER

CO₂ Gas Cylinder Safety Warning CO₂ Is Dangerous!

General information CO₂	<p>CO₂ is used in the food business to carbonate beverages such as soft drinks, mineral water or beer.</p> <p>Falls under the 1910.101 general standard for compressed gases and is classified as hazardous per OSHA regulations.</p> <p>CO₂ is an odorless, colorless, nonflammable gas. This does not contain oxygen and may cause asphyxia if released in a confined area. Exposure can cause nausea and respiratory problems. A leak could result in fire, explosion or asphyxiation or toxic exposure.</p>
Special Handling Procedures & Storage Requirements	<p>Cylinders must be fastened securely at all times whether in use, transit, or storage.</p> <p>Cylinder safety caps must be in place whenever cylinders are not in use for an extended period of time or during transport.</p> <p>Store upright and firmly secured to prevent falling or being knocked over.</p> <p>Full and empty cylinders should be segregated.</p> <p>Proper valves and/or regulators must be used.</p> <p>Store and use cylinders in ventilated areas away from heat or ignition sources.</p> <p>Transport large cylinders only on an approved dolly or cart.</p> <p>Store in cool, dry, well-ventilated area away from traffic areas and emergency exits.</p> <p>Never carry in an enclosed space, such as a car trunk, van or station wagon.</p>
Usage	<p>Use below 125 degrees Fahrenheit in a well-ventilated area.</p> <p>Make sure valve caps remain in place unless the container is secured with a valve outlet piped to its use point.</p> <p>Never drag, slide or roll cylinders; instead use a hand truck for cylinders.</p> <p>Use a pressure reducing regulator when connecting the cylinder to lower pressure piping or systems.</p> <p>Never heat the cylinder.</p> <p>Use a first-in-first-out inventory system to prevent full cylinders from being stored for excessive periods.</p>
Leaks	<p>If there is a leak in the container or container valve, contact the appropriate emergency # listed by the vendor.</p>

For more information, contact your Loss Control Consultant at (888) 562-7861

CLAIM REPORTING HOTLINE (844) 562-2720 | Available 24/7