

- Secondary containment is the area or dyked enclosure under or around a chemical storage tank(s); it is designed to hold the accidental release from the tank(s); and, it may, depending on the chemical and the site conditions, be plastic, steel or cement.
- Having chemical storage tanks positioned within dyked enclosures helps comply with the Occupational Health and Safety Act and the Environmental Protection Act.
- Secondary containment should be constructed of a material that is compatible with the chemicals and capable of holding 110% of the capacity of the largest tank within the enclosure.
- The customer and its senior staff are responsible to maintain the secondary containment in a clean, safe and effective condition.
- Inspect secondary containments at least weekly and after every significant rain or snowfall. Keep the containment free of debris, materials and residue. Examine any accumulations in the containment prior to emptying to be sure no contaminants will be discharged into the environment. Investigate and fix promptly any cracks or deterioration in the containment.
- Promptly clean residues on the floor of the containment. Residues left in the containment pose the potential risk of reacting with an accidental release, or could be stepped in and tracked through the facility.
- Keep walkways and approaches to and around the secondary containment clear of obstructions, snow, ice and other hazards.
- For a guide on tank installations and secondary containments, refer to the Guidelines for Environmental Protection Measures at Chemical and Waste Storage Facilities at http://www.ene.gov.on.ca/envision/env_reg/er/documents/2005/PA05E0012.pdf

				<p><i>Benson Chemicals Limited is a leading Ontario distributor of acids and alkalis. The Benson Bulletin is a periodic communication of general interest. Legal, technical, engineering, environmental, health & safety or other professionals should be consulted for specific advice. Original date: March, 2007</i></p>
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ISO 9001-2000 and 14001 Distributor of: <ul style="list-style-type: none"> • Hydrochloric Acid (Muriatic Acid) • Nitric Acid • Phosphoric Acid • Potassium Hydroxide (Caustic Potash) • Sodium Bisulphite • Sodium Hydroxide (Caustic Soda) • Sulphuric Acid 				
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