

- c. Brine used in pre-wetting solid material
 - i. In the pre-wetting of solids, the brine is usually placed in a holding tank on the salt truck and sprayed on the salt at the time of spreading
 - ii. Pre-wetting the solid material improves its effectiveness in many ways
 - a) Accelerates the solution process
 - b) The pre-wetted material adheres to the road surface more readily than a dry material and results in less loss through bounce and scatter
 - c) Provides faster effect of the chemical
 - d) Reduces material requirements because more stays on the road surface
 - iii. Salt brine is widely used
 - a) Readily available (easy to produce)
 - b) Very economical
 - c) Effective for events occurring at moderate subfreezing temperatures



Figure 12-6 Tailgate mounted brine tank