

WaterSOLV™ BC Handling & Storage Requirements

Date: July 8th, 2019
To: Haz Mat Manager
Subject: Technical Requirements for the inventory and distribution of H2O2 and WaterSOLV™ BC

Storage & Handling

1. Must be stored out of direct sunlight – Cover if needed
2. Must be stored out of the heat – Cover if needed
3. Spills or leaks must not come into contact with wood or fiber
4. Cannot come in contact with wood for fibers, whatsoever
 - a. Do not store on wood pallets
 - b. Careful on wood trailers
5. In case of spill or leak
 - a. Must drain unobstructed to an adequate drain – flush with water “9” times the volume of the spill, minimum
 - b. If spilled onto surfaces, wood or fiber - flush with water “9” times the volume of the spill, minimum
6. Eye and Shower wash station must be within 5 seconds of storage area, including during transportation
7. Adequate amount of shower water must be immediately available for each person handling the product – 55 gallons of potable water per person
8. An adequate water supply must be adjacent the product, 40 psi, 30 gpm minimum.

This information does not supersede the SDS

Corrective Actions

If the containers enlarge, it because they are HOT and the product is in self-accelerating decomposition – it is usually not because of pressure.

1. Wear full personal protection
2. Create a water mist to cool product down
3. Be sure product is shaded, create shade if necessary, avoiding wood and fibers
4. Once safe to approach, begin gradually draining the vessel (with the misting water), to the drain by drilling a small 1/8th inch hole in the bottom of the barrel
5. Once the drain has stopped reacting, consider adding additional holes to the bottom of the container however not to exceed the drain reaction to the chemistry

**The objective is safely cooling the product and or gradually draining it to the drain with water to a 3% solution.
Excessive volume of product to the drain can cause adverse reactions**

6. Rinse empty container with water prior to discarding.