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Storage of Large Quantities of Alcohol-Based Hand Sanitizer – More than 5 Gallons

Regulatory Compliance for storage of more than 5 gallons but less than 120 Gallons of ABHR:

1. Must be in accordance with NFPA 30 Flammable and Combustible Liquid Code
2. The maximum allowable quantity per control area is 120 gallons
3. The quantity shall be increased by 100% in buildings equipped with an approved automatic sprinkler system.
4. Quantity shall be increased by 100% when stored in an approved storage cabinet. (2006 IFC)
5. Cannot be stored in a basement of a non-sprinklered building.
6. Where containers are stacked, they shall be stacked so stability is maintained and excessive stress on container walls is prevented.
7. If moved with power-operated material handling equipment, the equipment must be in accordance with NFPA 505, Fire Safety Standard on Powered Industrial Trucks.
8. In non-sprinklered buildings, containers cannot be stored closer than 36" to the nearest beam, chord, girder, or other roof members.
9. Storage containers must be manufactured, tested, and listed for the use of storing and transporting the ABHR product.
10. Each portable tank or intermediate bulk container shall be provided with at least one vent designed to limit internal pressure to 10 psi or 30 percent of the bursting pressure of the container, whichever is greater.

Special Occupancy Limits:

For the following occupancies, the maximum allowable quantity per control area shall not exceed 10 Gallons:

1. Assembly
2. Ambulatory Health Care
3. Business
4. Day Care
5. Detention and Correction
6. Educational
7. Health Care
8. Residential.

NOTE: Storage quantities can be increased to 20 gallons in these occupancies where the product is stored in an approved flammable liquids cabinet. If the building is also sprinklered, the amount of product can be increased to 40 gallons. For storage of quantities greater than described above, the product must be installed in accordance with all other provisions of NFPA 30, Flammable and Combustible Liquid Code, which can be viewed free at <https://www.nfpa.org/codes-and-standards/all-codes-and-standards/list-of-codes-and-standards/detail?code=30>