

2.5. Storage and Usage of Liquids in Warehouses and Industrial Occupancies

- 2.5.1.** The storage and usage of Flammable and Combustible Liquids in Warehouses and Industrial occupancies shall comply with the **Table 13.1. General Requirements, 13.2. Indoor Storage of Liquids in Containers** and **Table 13.3. Storage of Liquids in Warehouses and Industrial Occupancies.**
- 2.5.2.** The containers referred for storage of Flammable and Combustible Liquids in this section apply to 4 distinct size limitations.
- Drums and other containers that do not exceed 119 Gallons. (450 L) capacity.
 - Portable tank that do not exceed 660 Gallons. (2500 L) capacity.
 - Intermediate Bulk Containers that do not exceed 793 Gallons (3000 L) capacity.
- 2.5.3.** This section shall apply to general purpose warehouse, Liquid Warehouse, Industrial usage of liquids and storages.
- 2.5.3.** **Table 13.3.** shall not apply to
- Containers, intermediate bulk containers and portable tanks that are used in operations other than incidental operations such that vehicle assembly, assembly of electrical equipment, chemical plant maintenance shop, cleaning and sanitation.
 - Liquids in the fuel tanks of motor vehicles, aircraft, boats or portable and stationary engines
 - Beverages where packaged in individual containers that do not exceed 1.3 Gal. (5L) capacity.
 - Liquids that have no fire point.
 - Medicines, food stuffs, cosmetics and consumer products that contain not more than 50% by volume of water miscible flammable or combustible liquids and packaged in individual containers that do not exceed 1.3 Gal. (5L) capacity.
 - Liquids with flashpoint greater than 95°F (35°C)) in a water-miscible solution or water-miscible dispersion with a water and noncombustible solids content of more than 80% by weight.
 - Distilled spirits and wines in wooden barrels or casks.

Table 13.3.: Storage and Usage of Liquids in Warehouses and Industrial Occupancies

ITEM	REQUIREMENTS
1. GENERAL	<ol style="list-style-type: none"> Solid pile and palletized storage shall be arranged with aisles and cross aisles such that no container, portable tank or intermediate bulk container (IB's) is more than 6 m from an aisle. Width of a solid piled or stack of containers shall not exceed 12 m. The cross aisles shall be 1.2 m and main aisles shall be 2.4 m. Storage of idle combustible pallets inside the sprinklered buildings shall be in accordance with Chapter 9, idle pallets design criteria. Where building is not sprinklered, idle combustible pallets shall be limited to a maximum pile area size of 230 m² and maximum storage height of 1.8 m. Storage of empty idle combustible pallets shall be separated from storage of liquid containers by minimum of 2.4 m aisles. Stock piled shall be restricted to <ol style="list-style-type: none"> 100 m² for Class I and Class II liquids. 144 m² for Class III liquids.