

Table 13.2.: Indoor Storage of Liquids in Containers

ITEM	REQUIREMENTS
7. MAXIMUM ALLOWABLE QUANTITIES PER CONTROL AREA OF MERCANTILE OCCUPANCIES	<ul style="list-style-type: none"> i. Maximum allowable quantities for Mercantile Occupancies, per control area shall comply with Table 13.2.d. ii. Where different classes of liquids are stored, the maximum quantity per control area shall be sum of percentage of each class of liquid quantity. Such sum of percentages shall not exceed 100. iii. Any liquid container stored in mercantile, shall not exceed 119 Gal. (450 L). in capacity. iv. Liquids of containers greater than 6 Gal. (23L) capacity shall not be stored or displayed in areas normally accessible to public. v. On floors above ground floor, class IB, IC, and II liquids shall be limited to 60 gal. aggregate quantities in unprotected mercantile occupancy, and 120 gal. aggregate capacities in protected occupancy. Class IA liquids are permitted to be stored only at ground floor.

Table 13.2.d.: Maximum Allowable Quantities per Control Area in Mercantile Occupancies

CLASS	MAXIMUM QUANTITY WITHOUT SPRINKLER PROTECTION	MAXIMUM QUANTITY WITH SPRINKLER PROTECTION
1. FLAMMABLE LIQUIDS		
1.1. IA	60 Gal.	120 Gal.
1.2. IB	3750 Gal.	7500 Gal.
1.3. IC	3750 Gal.	7500 Gal.
2. COMBUSTIBLE LIQUIDS		
2.1. II	3750 Gal. (60 Gal. if not on ground floor)	7500 Gal. (120 Gal. if not on ground floor)
2.2. IIIA	3750 Gal.	7500 Gal.
2.3. IIIB	15,000 Gal.	30,000 Gal.
NUMBER OF CONTROL AREAS	02	02
STORAGE HEIGHT LIMIT	1.5 m	2 m
STORAGE DENSITY LIMIT	21 Gal per m ² in storage, display and adjacent aisles	42 Gal per m ² in storage, display and adjacent aisles

Table 13.2.e.: Control Area and MAQ Factor

FLOOR LEVEL	MAQ FACTOR	NUMBER OF CONTROL AREAS
1. BASEMENT 2	50%	2
2. BASEMENT 1	75%	3
3. GROUND FLOOR	100%	4
4. FIRST FLOOR	75%	3
5. SECOND FLOOR	50%	2
6. OVER SECOND FLOOR	5%	1