

**Table 2**  
**Flammable and Combustible Liquid Container Size**

Ohio Fire Code 2000 1301:7-7-03 (P) Section FM-316.0 Laboratories using  
 Chemicals shall comply with NFPA 45 -1996

Fire Protection for Laboratories<sup>1</sup> Using Chemicals

**NFPA 45-1996 Table7-2**

**MAXIMUM ALLOWABLE SIZE OF CONTAINERS  
 AND PORTABLE TANKS**

Container type	Flammable liquids <sup>2</sup>			Combustible liquids <sup>2</sup>	
	Class IA	Class IB	Class IC	Class II	Class III
Glass	500 ml <sup>3</sup>	1 L <sup>3</sup>	4 L	4 L.	20 L
Metal (other than DOT drums) or approved plastic	4 L	20 L	20 L	20 L.	20 L
Safety cans	10 L	20 L	20 L	20 L	20 L
Metal drums (DOT spec.)	N/A.	20 L	20 L	227 L	227 L.
Polyethylene (DOT Spec.34)	4 L	20 L	20 L	227 L	227 L

**Notes:**

1. Laboratories used for graduate or post-graduate research and research centers.
2. [See Table 3 in this CHP for Flammable and Combustible Liquid classifications]
3. Glass containers as large as 4 L shall be permitted to be used if needed and if the required purity would be adversely affected by storage in a metal or an approved plastic container, or if the liquid would cause excessive corrosion or degradation of a metal or an approved plastic container.