

# Costar® Traditional Style Storage Bottles

## Product Information

CORNING

The Costar Disposable 125 mL, 250 mL, 500 mL, and 1000 mL Bottles are designed as storage for media, buffers, or other aqueous solutions. The bottles are supplied sterile and individually packed, and are certified nonpyrogenic.

**THESE PRODUCTS ARE FOR LABORATORY USE ONLY.  
NOT FOR HUMAN PARENTERAL APPLICATIONS.**

### Materials

The leak-free plug seal caps are manufactured from virgin, heavy metal free, high density polyethylene; the bottles from virgin, heavy metal free polystyrene. They are sterilized by irradiation. Although not surface treated for the growth of anchorage-dependent cells, the bottles have been fully tested to meet Corning Incorporated's standards for cell culture.

### Performance

The bottles are single-use containers; they cannot withstand autoclaving or use at temperatures greater 70°C. The suitability of the bottles for storage of solutions below 0°C depends both on the solution and the storage conditions. Many aqueous solutions, including culture media have been successfully frozen and stored at temperature down to -20°C. However, it is strongly recommended that a trial run be performed under actual conditions to test the suitability of the bottles for frozen storage.

### Chemical Compatibility

The mechanical strength, color, appearance, and dimensional stability of plastic bottles are affected to varying degrees by the chemicals with which they come in contact. Specific operating conditions, especially temperature, will also affect the chemical resistance of the bottles. The chemical resistance table is provided to serve as a general guideline for Costar Disposable Sterile Bottles.

### Chemical Resistance of Costar Traditional Style Disposable Storage Bottles

Chemical Class	Materials	
	PS	PP
Weak Acids	1	1
Strong Acids	2	1
Alcohols	2	1
Aldehydes	3	1
Aliphatic Amines	3	1
Aromatic Amines	3	1
Bases	1	1
Esters	3	2
Hydrocarbons	3	2
Ketones	3	2

Key: PS = Polystyrene; PP = Polypropylene Cap  
1 = Recommended  
2 = May be suitable for some applications; a trial run is recommended  
3 = Not recommended

These bottles are intended for use by persons knowledgeable in safe laboratory practices. Failure can result from surface damage, improper pressure, temperature, or use with incompatible chemicals. For information concerning limitations of this product or for additional product or technical information, please visit [www.corning.com/lifesciences](http://www.corning.com/lifesciences) or call 800.492.1110. Customers outside the United States, call +1.978.442.2200.

### Ordering Information

Cat. No.	Description	Qty/Bag	Qty/Case
8388	125 mL Storage Bottle	1	24
8390	250 mL Storage Bottle	1	12
8393	500 mL Storage Bottle	1	12
8396	1000 mL Storage Bottle	1	12

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