elements



environmentally responsible maintenance solutions

Non-Ammoniated Glass Cleaner



Glass & General Purpose Cleaning

limpiador de cristal

An ultra concentrated Ammonia-free, non-streaking, non-smearing, quick drying product that cleans and shines glass, mirrors, sinks, countertops, stainless steel, and other washable surfaces. Can also be used as a light-duty cleaner on all surfaces not harmed by water.



ENVIRONMENTALLY RESPONSIBLE COMPARISON	
Traditional Products	elements
2-Butoxyethanol	None
Alcohol	None
Ammonium Hydroxide	None
	Acetic Acid
	Sodium Capryl Sulfonate
	Diethylene Glycol Butyl Ether
	Propylene Glycol Butyl Ether
	VOC: None
pH 10-12	pH 10.5 – 11.5
Traditional Compound Descriptions:	elements Compound Descriptions:
 2-Butoxyethanol – an effective water-soluble solvent to attack both water-soluble soils and water-insoluble oils and greases. However, it is a potential nose and eye irritant and may cause blood cell damage if absorbed through skin Alcohol – a water-soluble solvent widely used in glass and window cleaners and is not biodegradable. Highly flammable. It is irritating to skin, eyes and respiratory. Ammonium Hydroxide – a basic cleaning compound commonly used in window cleaners. However, it is extremely irritating to the respiratory tract and eyes. 	 Acetic Acid - Commonly know as vinegar. A mild acid that removes hard water scales. It is a naturally renewable resource and produced by fermentation of sugar cane and various grains. Sodium Capryl Sulfonate – a completely biodegradable surfactant provides wetting and detergency. Diethylene Glycol Butyl Ether - It is commonly used as a solvent in cleaners. It is biodegradable and is not easily absorbed through the skin. Propylene Glycol Butyl Ether - listed as Positive Environmental Profile builder on EPA design for the Environment Formulator Initiative. It is commonly used as a solvent in cleaners. It is biodegradable and is not easily absorbed through the skin.

Dilution:
Rinsability:
Biodegradability:
Color:
Odor:
pH (concentrate):

1:40 Excellent Complete Light Blue Fragrance Free 10.5 – 11.5

PRODUCT SPECIFICATIONS

pH (ready-to-use):	8.5 - 9.5
Viscosity:	Water thin
Foam:	Moderate
Storage/Stability:	1 year
Weight Per Gallon:	8.41 lbs.
Freeze/Thaw Stability:	Keep from freezing



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