elements™

environmentally responsible
maintenance solutions

E01

Peroxide Powered Cleaner Degreaser

desengrasador

1:64	1:128	1:32	1:16
General Purpose	**Floor Cleaning**	**Bathroom & Tile**	**Degreasing**

Anon-toxic, non-VOC, biodegradable, hydrogen peroxide fortified, highly concentrated all-purpose cleaner that is specially designed to address the environmental, safety and health concerns facing today housekeeping professional. The hydrogen peroxide oxidizes the soil and stains, destroys odors and provides color safe bleaching action. Can be used to clean most surfaces such as windows, walls, floors, tile & grout, washroom fixtures, tubs, showers, toilet bowls and urinals. No rinse required.

CERTIFIED EcoLogo™
Certified Degreaser CCD-146E

Scan for product's Material Safety Data Sheet

ENVIRONMENTALLY RESPONSIBLE COMPARISON

Traditional Products	elements
Sodium Phosphates	None
Sodium Silicate	None
Ethylenediaminetetraaceate	None
Nonylphenol ethoxylates	None
2-Butoxyethanol	None
	Sodium Capryl Sulfonate
	Linear Alcohol Ethoxylates
	Diethylene Glycol Butyl Ether
	Tripropylene Glycol Methyl Ether
	Hydrogen Peroxide
pH 9 – 12	pH 4 – 5

Traditional Compound Descriptions:

Sodium Phosphates – offer good control of hardness ions and maintain alkalinity levels. They also increasing cleaning efficiency by suspending dirt. However, phosphate are plant nutrients
Those promote algae blooms.
Sodium Silicate – provides buffering and alkalinity. However, alkaline silicates can be corrosive to eyes and skin.
Ethylenediaminetetraaceate (EDTA) – offers very good control of hardness ions. However, it will enhance the remobilization of heavy metals in the environment. It may contain trace amount of carcinogen.
Nonylphenol ethoxylates – a non-ionic surfactant that is used to provide wetting and detergency. However, it is derived from a petroleum-based product. It has a suspected harmful biodegradable intermediate.
2-Butoxyethanol – 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.

elements Compound Descriptions:

Sodium Capryl Sulfonate – a completely biodegradable surfactant provides wetting and detergency.
Linear Alcohol Ethoxylates - listed as Positive Environmental Profile surfactant on EPA design for the Environment Formulator Initiative. A non-ionic surfactant made from linear primary alcohol that biodegrades readily to compounds with low toxicity.
Diethylene Glycol Butyl Ether - It is commonly used as a solvent in cleaners. It is biodegradable and is not easily absorbed through the skin.
Tripropylene Glycol Methyl 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.
Hydrogen Peroxide - listed as Positive Environmental Characteristic Bleaches on EPA Key Characteristic of Formulation Ingredients/Cleaning System. It is a relatively strong oxidizing agent that oxidizes soil and stains, destroys odors and provides color safe bleaching action.

PRODUCT SPECIFICATIONS

Color:	Colorless	Biodegradability:	Complete
Odor:	Mild Odor	Viscosity:	Water thin
pH:	4.0 - 5.0	Foam:	Moderate
Dilution:	1:16 - 1:128	Storage/Stability:	6 Months
Soil Level:	Light to Medium	Weight Per Gallon:	8.48 lbs. Per gallon
Rinsability:	Excellent	Freeze/Thaw Stability:	Keep from freezing

Misco Products Corporation • Reading, PA • (800) 548-4568 FAX (610) 926-1194
www.miscoprod.com