

October 13, 2015

Re: Envirokleen No-Rinse Cleaner Food Contact Sanitizer

Dianna Nielsen,

We are pleased to provide the following information regarding Envirokleen's No-Rinse Cleaner. As you may know, this product is a combination of food-grade phosphoric acid, quaternaries and GRAS detergents. It is designed for cleaning and sanitation of food contact surfaces, especially beverage dispensing equipment, milk shake machines, soft ice cream dispensers, and ice machines. It has been accepted by EPA and sold successfully for this application. It also meets FDA, USDA and NSF guidelines.

As to your question as to material compatibility, we have searched our databases for information on the main ingredient, phosphoric acid and can share the following:

O-Ring Materials Compatible with Phosphoric Acid

Aflas, Buna-N (Nitrile), Butyl, Chemraz, Epichlorohydrin, Ethylene-Propylene, Fluorocarbon, Fluorosilicone, Hypalon, Kalrez, Natural Rubber, Neoprene, Nitrile, Hydrogenated, Polyacrylate, Polysulfide, Polyurethane, Cast, Polyurethane, Millable, Silicone, Styrene Butadiene, Teflon, Vamac

For metal contact, we found the following recommendations

Phosphoric Acid 1%, 20°C 304 Stainless Steel

Phosphoric Acid 5%, 20°C 304 Stainless Steel

Phosphoric Acid 10%, 20°C 316 Stainless Steel.

Since at use-dilution, this product is less than 1% phosphoric acid, we do not expect and in fact have not seen in twenty years any deleterious effects to the target use sites.

Sincerely,

Adam Kamman

VP Research and Development