

# WATERFREE URINAL CLEANER

## **PRODUCT DESCRIPTION:**

Waterfree urinals are the very latest advancement in urinal technology! Waterfree Urinal Cleaner is a specific-application formula engineered to meet the unique requirements for cleaning waterfree urinals. Waterfree Urinal Cleaner is ready-to-use. The product is light blue in color and is virtually odorless.

## **WHY IS A SPECIAL URINAL CLEANER REQUIRED?**

Waterfree urinals are different by design and need to be cleaned differently. What makes the waterfree urinal unique is the removable cartridge that has a floating membrane that "seals" urine in the cartridge. The cartridge fills up and overflows into the sanitary system piping like a normal urinal would. However, the membrane that is used may be a fatty alcohol or a light oil. This membrane can be destroyed by typical urinal cleaners that contain emulsifying surfactants. The challenge to cleaning the urinals is to use a product that will not emulsify the membrane. If the membrane is destroyed, nasty odors escape from the cartridge.

## **WHAT MAKES SPARTAN WATERFREE URINAL CLEANER THE CLEAR CHOICE?**

**The Right Formula:** Spartan's Waterfree Urinal Cleaner is formulated with lactic acid and without the addition of emulsifying surfactants. Lactic acid was chosen as a primary ingredient in Waterfree Urinal Cleaner for its natural solvent properties and its ability to descale urine. The special product formulation will not leave any sticky residue. Most importantly, it will not harm the urinal's critical floating membrane when used as directed. Spartan Waterfree Urinal Cleaner leaves the floating sealant layer intact. No unpleasant odors will escape. No indoor air quality issues!

**The Correct Procedure:** Spartan recommends a quick and easy "spray and wipe" procedure for cleaning waterfree urinals that keeps the urinal, waterfree and odor free. This procedure has been suggested, tested and approved by leading manufacturers of waterfree urinals.

## **ENVIRONMENTALLY CONSCIOUS:**

In keeping with concern for the environment, Waterfree Urinal Cleaner is VOC free, phosphate free and biodegradable.

## **DIRECTIONS FOR USE:**

Some individuals may be sensitive to ingredients in this product. Before use, read product label and MSDS.

**Waterfree Urinal Cleaning:** Remove any debris from the bowl. Spray Waterfree Urinal Cleaner on to urinal surface. DO NOT spray product directly on to cartridge. Wipe with paper towel to clean. Change cartridge as needed.

**Cartridge Replacement, Deep Cleaning/Disinfecting:** Remove and properly dispose of used cartridge. Deep clean or disinfect the entire urinal with Spartan hdqC2 Disinfectant Cleaner prior to replacing with a new cartridge. Be sure to follow directions for use on the product container. **NOTE:** While Spartan hdqC2 Disinfectant Cleaner is preferred for disinfecting, any Spartan disinfectant can be used.

**General, Light Duty Restroom Cleaning:** Dilute 1:10 (12 oz. /gal. or 90 ml/l of water) for general purpose cleaning of hard non-porous bathroom surfaces.

**NOTE:** Do not use on non-acid resistant surfaces. This product will etch or otherwise damage marble and other non-acid resistant surfaces.

**SPECIFICATION DATA:**

pH – 1.0 – 2.0

Specific Gravity – 1.013 @ 24°C/75°F

Density – 8.43 lbs. /gal. @ 24°C/75°F

Color – light blue

Stability –

- a. Shelf @ 24°C/75°F – One year minimum
- b. Accelerated @ 49°C/120°F – 30 days minimum
- c. Freeze/Thaw Cycle – Product will withstand 3 freeze/thaw cycles

**PACKAGING:**

Waterfree Urinal Cleaner is available in attractively labeled carafe style quart bottles, 12 per case. Each case includes one pair of gloves, and one trigger sprayer. Label copy is available in both English and Spanish. Secondary labels are also available.

**Be sure to read all Directions, Precautionary and First Aid Statements on product labels before use of this or any Spartan product. If questions remain, consult your employer or a physician. Material Safety Data Sheets for all Spartan products are available from your authorized Spartan distributor or by visiting [www.spartanchemical.com](http://www.spartanchemical.com).**

**GUARANTEE:**

Spartan's modern manufacturing and laboratory control insure uniform quality. If dissatisfied with performance of product, any unused portion may be returned for credit within one year of the manufacture.