

Triple7 Envirolab Application Sheet



envirofluid
FOR A BETTER WORLD

ENVIROLAB

POWERFUL LABORATORY GLASSWARE DECONTAMINANT & CLEANER

Triple7 Envirolab is an advanced non-ionic surfactant solution that is dielectric and anti-oxidant in nature.

This powerful solution simply penetrates into the grease or contaminant and lifts away the deposit without harming the cleaning surface.

The product is suitable for use on delicate instrument parts and does not react harmfully with other cleaning, disinfecting, or deodorising chemicals.

Benefits

- Cleans reliably – avoids the use of chromosulphuric acid and subsequent disposal costs.
- No inhibitory effect on enzyme tests – no interference with other chemicals.
- Prevents carry-over – no residue carried over to next analysis.
- Suitable for all cleaning surfaces – harmless to metals, plastics, paints, rubber and all surfaces compatible with water.
- Phosphate and caustic-free – reduced health hazards.
- Contains no petroleum derivatives or hazardous chemicals – reduces OH&S issues and future litigation claims.
- Easy to use – No special handling & disposal issues.
- Cost-effective
- Readily biodegradable – passes AS4351 test for biodegradability and breaks down easily in the environment.
- Environmentally responsible – protects ecosystems and waterways.

Applications

- Glassware
- Precision Instruments
- Pipettes
- Surgical Instruments
- Photometry Cells
- Spectical Lenses
- TLC Plates
- Metal Equipment
- Porcelain
- Benches
- Floors
- Blood & Saliva
- Food
- Waxes & Silicones
- Distillation Residues
- Oils & Fats
- Rubber
- Aluminium

Cleaning Dilutions

Dilute 2:100 parts to 5:100 parts (2% to 5%) with deionised water, increasing the concentration for heavier soiling. Soak immersed items for 2 – 24 hrs, then rinse immediately with deionised water and allow to dry.

Ultrasonic cleaning and heat will reduce cleaning times.

Applications in Dental Practice & Laboratories

Triple7 Envirolab is a powerful hydrocarbon release agent that removes protein, fats, blood, and organic contaminants commonly found in a dental environment. The product is used to clean equipment, instruments, benches, floors, and other contact surfaces. The product also helps to keep drains clean and odour-free.

It should be noted that **Triple7 Envirolab** is not a bacteriacide and should be used for thorough cleaning prior to sanitisation or anti-microbial treatment.

Applications

General purpose surface cleaning

Mix a 5:100 parts aqueous solution in a spray bottle and apply directly or with a cloth or sponge. Spray and wipe most deposits.

Hand equipment cleaning

Spray a 1:19 parts solution with water to equipment and allow to sit for 10 minutes and wipe clean. For tougher soils such as blood waste, it may be necessary to wet the soil first before spray applying the product.

Drain cleaning

Place a cupful of neat **Triple7 Envirolab** in all drain openings and allow to sit overnight before rinsing at the beginning of the next day.

Hand instrument cleaning

First, thoroughly rinse each piece by hand and then place instruments in a basket submerged in a warm (45°C) 1:4 solution of **Triple7 Envirolab** and water (a 20% solution).

Allow to stand for 30 minutes before thoroughly rinsing and autoclaving. Where an autoclave is not available, allow to heat dry, separated, and placed on a clean metal grid before storage.

Stain removal

Soak fabric with warm water and then apply a small amount of 100% **Triple7 Envirolab** directly to stain and work in with fingertips or small nylon brush. Soak for several hours if necessary before rinsing and laundering.

Testimonials

“I’ve trialed **Triple7 Envirolab** in our dishwasher and it has done quite well. I usually scrub up the glass prior to the wash and then I normally have to polish, but with trial I didn’t have to do either. I will be promoting **Triple7 Envirolab**.”

Australian Catholic University

“I’ve compared the MSDS with other products and **Triple7 Envirolab** is a totally new product. It is not a price comparison.”

Sydney Hospital

“First phosphate-free product that works. Very pleased and showing it to others.”

W.A. University

“**Triple7 Envirolab** has solved our problem with getting calcium oxide off the test tubes.”

Sydney Hospital

“A staff member has occupational dermatitis. Couldn’t wait for stores to order, as soon as we trialed **Triple7 Envirolab**, we bought it!”

Queensland University

“In our laboratory we work with fresh surgical specimens and to clean-up equipment, benches and sinks. We’ve found **Triple7 Envirolab** to be excellent.

Compared to what we used to use it is chalk and cheese! Everything cleaned up so quickly and thoroughly. We now put instruments into the solution straight away to clean them, then later into an alcohol solution with rust inhibitor. Cleaning up is much easier – thanks to **Triple7 Envirolab**.”

South Australian Pathology

“We have been using the **Triple7 Envirolab** detergent in the central glass washing facility since the beginning of the year. It is a phosphate and caustic-free product that is non-toxic, readily biodegradable and environmentally safe, but most importantly, very effective and more affordable than a lot of other products on the market.”

University, South Australia