## MICROCARE MEDICAL CRITICAL CLEANING LAB TEST RESULTS

## **Efficacy Testing**

**Method:** Lab testing uses realistic fresh poultry blood on carbon steel razors blades and TOSI™ coupons. TOSI™ coupons are comprised of blood proteins proportionate to human blood, including fibrin, albumin, and hemoglobin.

**Result:** Spec Clean foam dissolves both types of test soils with no scrubbing.



New unused TOSI™ test coupon. (Plastic cover removed)



Spec Clean foam is applied to TOSI™ washer test coupon. Foaming properties of product in use.



Test results after 15 hours show Spec Clean foam has dissolved soils and remains liquid for easy rinsing.



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TOSI™ washer test coupon, sprayed with Spec Clean foam and held 72 hours.

## **Anti-Corrosion Testing**

**Method:** Carbon steel razor blades are used for testing as they corrode easily in blood or tap water. Test process shows blood starting corrosion on blades within 60 minutes of application.

**Result:** After application of Spec Clean foam, corrosion is arrested and instruments are protected, even up to 72 hours of holding time.



New unused carbon steel blades.



Razor blades then sprayed with Spec Clean foam after early corrosion.



Blades soaked in animal blood surrogate after 15-hour exposure.



Razor blades after 15-hour soak in Spec Clean foam show corrosion arrested and soils dissolved.



"Control" blades soaked in tap water after 15-hour exposure.



Razor blades sprayed with Spec Clean foam and held 72 hours.



Razor blades with animal blood surrogate applied show early corrosion after one hour.

