MICRO-CIDE™ 28 HLD

3 % Glutaraldehyde
Reusable Sterilizing and High Level Disinfecting Solution

MICRO-SCIENTIFIC™

Micro-Scientific™ Micro-Cide™ 28 HLD is a 3% glutaraldehyde solution with attached powder activator. Once activated, Micro-Scientific™ Micro-Cide™ 28 HLD can be used for 28 days to provide high level disinfection or sterilization, providing the solution is above the 1.8% minimum effective concentration and is used according to directions for use.

- **Provides a way to effectively sterilize or achieve high level disinfection of heat sensitive reusable medical devices.**
- **Achieves high level disinfection of instruments in 25 minutes providing directions for use are followed.**
- **Sterilizes instruments in 10 hours providing directions for use are followed.**

Micro-Cide™ 28H LD

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3 % Glutaraldehyde Reusable Sterilizing and High Level Disinfecting Solution

Procedures	Directions for Use
Preparation of solution:	Activation: Activate Micro-Scientific™ Micro-Cide™ 28 HLD by adding the entire contents of the activator vial which is attached to the Micro-Scientific™ Micro-Cide™ 28 HLD container. Shake well. When activated, solution changes color to green. Record the date of activation on the indicated space, in a log book or on a label affixed to any secondary container used for the activated solution. See the Package Insert for additional instructions and information regarding the activated solution. Micro-Scientific™ Micro-Cide™ 28 HLD is intended for use in manual bucket and tray systems made from polypropylene, ABS, polyethylene, glass filled polypropylene or specially molded polycarbonate plastics. Micro-Scientific™ Micro-Cide™ 28 HLD SHOULD NOT BE DILUTED.
Preparation of devices:	Thoroughly clean devices to be disinfected according to device manufacturer's instructions. Blood and other body fluids must be thoroughly cleaned from surfaces, lumens and objects before application of Micro-Scientific™ Micro-Cide™ 28 HLD. See the Package Insert for additional instructions and information regarding preparation of devices.
Sterilization:	Immerse device in Micro-Scientific™ Micro-Cide™ 28 HLD activated solution and fill any device channels with solution, being careful to remove all air from any device channel. The device should remain in contact with Micro-Scientific™ Micro-Cide™ 28 HLD solution at 77° F (25° C) for at least 10 hours. Remove device from the solution using aseptic technique, drain the channels and rinse according to the following directions. Sterile Water Rinsing: Following immersion in the Micro-Scientific™ Micro-Cide™ 28 HLD, thoroughly rinse the device by immersing in three separate copious volumes of sterile water for a minimum of one minute while flushing all channels. Use fresh portions of water for each rinse. See the Device Manufacturer's Instructions for additional information about rinsing the device. See the Package Insert for additional instructions and information regarding sterilization with Micro-Scientific™ Micro-Cide™ 28 HLD.
High Level Disinfection:	Immerse device in Micro-Scientific™ Micro-Cide™ 28 HLD solution and fill any device channels with solution, being careful to remove all air from any device channel. The device should remain in contact with Micro-Scientific™ Micro-Cide™ 28 HLD solution at 77° F (25° C) for at least 25 minutes. Remove device from the solution, drain the channels and rinse according to the following directions. Rinsing: Following immersion in Micro-Scientific™ Micro-Cide™ 28 HLD, thoroughly rinse the device by immersing in three separate copious volumes of water for a minimum of one minute while flushing all channels. Use fresh portions of water for each rinse. See the Device Manufacturer's Instructions for additional information about rinsing the device. See the Package Insert for additional instructions and information regarding High Level Disinfection with Micro-Scientific™ Micro-Cide™ 28 HLD.
Reuse:	Micro-Scientific™ Micro-Cide™ 28 HLD may be reused for a maximum of 28 days provided the minimum effective concentration of 1.8% glutaraldehyde, time and temperature are maintained. Cold SteriLog™ 2.1% Glutaraldehyde Monitor* should be used before each use of Micro-Scientific™ Micro-Cide™ 28 HLD solution to determine the glutaraldehyde concentration is above the minimum effective concentration of 1.8%*. *Cold SteriLog™ is a trademark of the 3M corporation. The Cold SteriLog™ 2.1% Glutaraldehyde Monitor has been verified for use with Micro- Scientific™ Micro-Cide™ 28 HLD and provides a "margin of safety" above the Minimum Effective Concentration of 1.8%.