



EMPOWER™

TECHNICAL BULLETIN

Product Description

EmPower is specifically formulated with a blend of high quality medical enzymes to effectively remove a wide range of debris and soils, and provides excellent cleaning efficacy. It is an economical alternative to MetriZyme, our other enzymatic detergent with a higher enzyme concentration, when there is moderate to low organic debris. The unique enzyme blend contains protease enzymes, amylase enzyme and lipase enzyme.

Protease enzymes are specifically designed to break down and remove protein-based soils, such as blood and tissue, from instruments. Amylase enzymes break down and remove starch-based soils, while lipase enzymes break down and remove lipid-based soils, such as oils and fats.

EmPower is designed with a low-foam formulation, which makes it easy to rinse and reduces the risk of clogging in automatic washers. This versatile detergent can be used with water temperatures up to 55C/131F and is available in both fragrance and fragrance-free versions. The reformulated multi-enzymatic solution provides better cleaning power for a wide range of instruments and has a neutral pH formula that provides advanced corrosion protection that is safe for a wide variety of materials including metal, plastic, rubber and glass for your instrument reprocessing needs.

Material Compatibility

Created with a unique multi-enzyme formulation, EmPower focuses on addressing a variety of cleaning challenges, aiming to provide an effective and safe reliable cleaning option for medical devices. Within the context of pre-cleaners, EmPower places a strong emphasis on innovation, efficiency, and reliability, which contribute to its role in enhancing the cleaning regimens for medical devices.

Neutral pH

EmPower pH: 7.0 - 8.0

Please see EmPower Material Compatibility Whitepaper for more details.

Safety Information

Carcinogen: None of the components is listed as a carcinogen or potential carcinogen by IARC, NTP, ACGIH, or OSHA. For safety information, please refer to SDS.

Recommended Application

Instrument reprocessing, pre-soak, manual cleaning, ultrasonic cleaner, dental evacuation system cleaner and automatic washer at Clinical facilities such as Dermatology, Podiatry, Ophthalmology, General Surgery Centers, Urgent Care, Urology, Dentistry.

Dilution Ratio

Product	Manual Cleaning / Ultrasonic	Automatic Reprocessors**
EmPower/EmPower Fragrance Free	1 oz to 1 Gallon	1/2 oz to 1 Gallon

Ordering Information

Part#	Product	Description Packaging
10-4102	EmPower	2 ounces 48 bottles/case
10-4100	EmPower**	1 gallon 4 bottles/case
10-4150	EmPower	5 gallon 1 drum
10-4400	EmPower Fragrance Free**	1 gallon 4 bottles/case
46-1001	Dispensing Pump (gallon)	1 Pump each

All containers are blow molded HDPE. Caps for containers up to one gallon are polypropylene with induction welded inner seal.

* Proper disinfection and sterilization processes have to follow after pre-cleaning procedures according to device manufacturer instructions

**All one gallon or smaller containers are placed in cardboard cases. Bulk sizes are available.

Contact your Metrex representative for more information.