



BD 2000 is a dispersant/bio-penetrant specifically formulated to control iron, scale, bio fouling, and other filter related problems in potable or industrial water systems. BD 2000 is a non-phosphate-based product that may be used in water systems to clear away oxidized metal build up, scale deposits, and when used in conjunction with a biocide, bacterial species from filter media. BD 2000 may be used in conjunction with chlorine or peroxide based disinfectants. BD 2000 is completely stable in the presence of, and can be used in conjunction with, hydrochloric acid for resin bed or well cleaning applications.

## PROPERTIES AND CERTIFICATIONS

Description:	Clear Homogenous Liquid
Specific Gravity:	.99 - 1.05
pH (1% w:w):	3.5 - 4.5
Color:	Clear
Odor:	None
NSF Maximum Feed Rate:	46 mg/L
NSF/ANSI Standard:	20



## APPLICATION RATE

An approximate feed rate is 1 -2 pints (120 – 240 ppm) per cubic feet of resin. The exact product dosage will depend on the iron, scale, and bacterial species present in the native water. Well applications vary based on depth, bore, and geology present. Please consult your Carus representative for a site specific application rate.

## HANDLING AND STORAGE

BD 2000 has a shelf-life of 6 months to 1 year when stored and handled properly. Protect containers from physical damage. Store in a cool, dry, temperature controlled area in closed containers set off the floor. Store inside a heated building and off the floor for best storage conditions at your facility. Exposure to temperatures < 38°F (3°C) may cause the product to increase in viscosity. It may become cloudy and/or freeze. Keep out of the reach of children. Caution: Will cause irritation to skin and eyes. Avoid contact with skin. Do not take internally. In case of contact, wash with soap and water; for eyes, immediately flush with large amounts of water for at least 15 minutes and get medical attention. Remove contaminated clothing and wash before reuse.

## COMPATIBILITY INFORMATION

Biopurge BD 2000 can be stored in high-medium density polyethylene, cross-linked polyethylene, and fiberglass reinforced plastic. Piping materials may include schedule 80 PVC/CPVC piping, clear PVC, and white polyethylene tubing. Pump materials may include ceramic, Teflon, Viton, Hypalon and PVC liquid end pump materials.

Metering equipment can include diaphragm and peristaltic type metering pumps and other pumps meeting compatibility requirements.

## SHIPPING CONTAINERS

### 5 gallon (43 lb) Jerrican

Made of high density polyethylene (HDPE). Weighs 3.31 lbs. (1.5 kg). The net weight is 43 lbs. (19.5 kg).

### 15 gallon (128 lb) Drum

Made of high density polyethylene (HDPE). Weighs 6 lbs. (2.72 kg). The net weight is 128 lbs. (58.1 kg).

### 30 gallon (255 lb) Drum

Made of high density polyethylene (HDPE). Weighs 12.2 lbs. (5.5 kg). The net weight is 255 lbs. (115.7 kg).

### 55 gallon (468 lb) Drum

Made of high density polyethylene (HDPE). Weighs 20.5 lbs. (9.21 kg). The net weight is 468 lbs. (212.3 kg).

Other containers may be available, contact Carus at 800-435-6856 for details.