CARUS
WATER



Municipal Drinking Water

BIOPURGE® WD 3000
DATA SHEET

WD 3000 is a dispersant/bio-penetrant specifically formulated to control iron, scale, bio fouling, and other filter related problems in potable or industrial water systems. WD 3000 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. WD 3000 may be used in conjunction with chlorine or peroxide based disinfectants. WD 3000 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:	1.02 - 1.08
pH (1% w:w):	3.3 - 4.3
Color:	Clear
Odor:	None
NSF Maximum Feed Rate:	13 mg/L
NSF/ANSI Standard:	60

APPLICATION RATE

An approximate feed rate is 1/2 -1 pints (60 – 120 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

WD 3000 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.

COMPATABILITY INFORMATION

Biopurge WD 3000 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 (44 lb) Jerrican

Made of high density polyethylene (HDPE). Weighs 3.31 lbs. (1.5 kg). The net weight is 44 lbs. (20.0 kg).

15 gallon (132 lb) Drum

Made of high density polyethylene (HDPE). Weighs 6 lbs. (2.72 kg). The net weight is 132 lbs. (59.9 kg).

30 gallon (264 lb) Drum

Made of high density polyethylene (HDPE). Weighs 12.2 lbs. (5.5 kg). The net weight is 264 lbs. (119.7 kg).

55 gallon (484 lb) Drum

Made of high density polyethylene (HDPE). Weighs 20.5 lbs. (9.21 kg). The net weight is 484 lbs. (219.5 kg).

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

CORPORATE HEADQUARTERS | 315 Fifth Street, Peru IL 61354 | Tel +1.815.223.1500 / 1-800-435-6856 | Fax +1.815.224.6697 | Web: www.carusllc.com | E-mail: salesmkt@carusllc.com
CARUS EUROPE | Calle Rosal 4, 1-B | Oviedo, Spain 33009 | Tel +34.985.785.513 / Fax +34.985.785.510