

## LBA™ LIQUID BIO-FOULING AGENT



Certified to  
NSF/ANSI 60

### DESCRIPTION

A liquid, LBA is certified by NSF International. LBA is certified to NSF/ANSI Standard 60, Drinking Water Treatment Chemicals - Health Effects.

### RECOMMENDED USE

LBA cleans casings, screens, and all other components of the well that are affected by bio-fouling or iron bacteria.

### CHARACTERISTICS

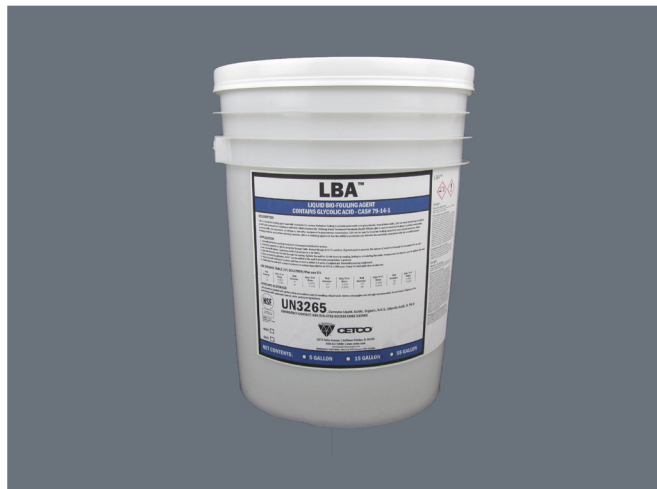
- LBA acts as a chelating agent, allowing more dissolved minerals to be pumped to waste, therefore preventing re-depositing of the minerals
- LBA has the ability to penetrate and disperse debris layers
- LBA is also used to debris fouling of environmental monitoring and recovery wells, oil/water separators, air strippers, and other types of equipment used in groundwater remediation
- LBA is non-corrosive and nontoxic

### DIRECTIONS FOR USE

1. Test well pH before starting treatment. Disconnect distribution system.
2. Calculate quantity of LBA by using the Dosage Table. Normal dosage is 5-7% solution. If gravel pack is present, the volume of water in it should be accounted for as part of the total well volume (typical porosity of gravel pack is 30-40%).
3. Add LBA directly into the well through the casing. Agitate the well for 12-48 hours by surging, jetting, or circulating the water. Compressed air may be used to agitate the well.
4. Upon completing agitation, DPA can be added to the well if mineral encrustation is present.
5. Pump the well until water is clean and free of acid to within 0.5 units of original pH. Reinstall pumping equipment.
6. Chlorinate the well with a shock treatment of sodium hypochlorite at 500 to 1,000 ppm. Pump the well until clear of chlorine.

### PACKAGING

5 gallon pail, 27 or 28 per pallet, 15 gallon pail, 8 per pallet, or 55 gallon drum, 4 per pallet. All pallets are plastic-wrapped.



### LBA DOSAGE TABLE (5% SOLUTION)

WELL DIAMETER	GAL/10 FT OF WATER
2"	0.08
4"	0.33
6"	0.74
8"	1.31
10"	2.05
12"	2.95
14"	4.02
16"	5.25
18"	6.64
20"	8.20
24"	11.81
28"	16.07

North America: 847.851.1800 | 800.527.9948 | [www.CETCO.com](http://www.CETCO.com)

UPDATED: MAY 2019

© 2019 CETCO. IMPORTANT: The information contained herein supersedes all previous printed versions, and is believed to be accurate and reliable. For the most up-to-date information, please visit [www.CETCO.com](http://www.CETCO.com). CETCO accepts no responsibility for the results obtained through application of this product. All products are sold on the understanding that the user is solely responsible for determining their suitability for the intended use and for proper use and disposal of the product. CETCO MAKES NO WARRANTY OF MERCHANTABILITY OR SUITABILITY FOR ANY PARTICULAR PURPOSE IN CONNECTION WITH ANY SALE OF THE PRODUCTS DESCRIBED HEREIN. CETCO reserves the right to update information without notice.



**CETCO**