



# **ZNBRITE™**

## **ABZ™ CONCENTRATE**

---

- *Highest purity electrolyte.*
- *Ideal for new bath make-up of quick metal replenishment.*
- *Use in alkaline non-cyanide or cyanide baths.*
- *Can be used for any metal concentration.*
- *Use with any brightener system.*

### **PURIFIED CONCENTRATED NON-CYANIDE ZINC ELECTROLYTE**

**ABZ CONCENTRATE** is a highly concentrated liquid zinc electrolyte for new bath make-up and/or metal replenishment of and operating solution. It can be utilized in either cyanide or non-cyanide baths as a quick, inexpensive manner to charge a zinc bath with the proper metal and sodium hydroxide content.

**ABZ CONCENTRATE** offers the highest purity electrolyte available. It comes ready to use, just add to water. It can be adjusted to conform to any concentration of zinc metal required. It is also ideal for quick metal replenishment of baths where the metal has been depleted below the desired level.

## OPERATING DATA

	<u>Range</u>
<b>ABZ CONCENTRATE*</b> (May require additional caustic soda)	10-20 %/vol.
Caustic Soda (Sodium Hydroxide)	6-18 opg (45-115 g/l)

- This ultra pure zinc and caustic concentrate is the best method of making-up a new bath or to increase metal concentration. A 10%/volume addition of **ABZ CONCENTRATE** and 6 opg caustic soda will produce an electrolyte of 1 opg of zinc metal and 12 opg caustic soda. If a different metal concentration is required, additions of **ABZ CONCENTRATE** and caustic soda should be made proportionally. 1% **ABZ CONCENTRATE** increases the zinc metal 0.1 opg and the caustic 0.45 opg.
- **Always use pure rayon grade caustic soda.** Other types of caustic are not suggested since they can introduce metallic impurities to the bath.

### STORAGE/HANDLING

**ABZ CONCENTRATE** is highly alkaline and can cause severe burns. The preparation, maintenance and handling of the electrolyte requires the handling of strong alkaline materials. Avoid contact with skin and eyes. Wear proper protective clothing. **Refer to the Material Safety Data Sheet for more specific information before using this product**

### WARRANTY

The information presented herein, while not guaranteed, is to the best of our knowledge true and accurate. No warranty or guarantee expressed or implied is made regarding the performance of any products, since the manner of use is beyond our control. No suggestion for product use or anything contained herein, shall be construed as a recommendation for its use in infringement of any existing patent, and we assume no responsibility or liability for operations which do infringe any such patents. The above includes confidential and proprietary information of **A BRITE** and is furnished to you for your use solely on products or processes supplied to you by us.