

## Phos-Brite 252 - Iron Phosphating Compound

### DESCRIPTION

Phos-Brite 252 is a multi-metal iron phosphating compound designed for blackening of steel in a hot dip tank. This product:

1. Cleans the metal of oil, grease and dirt.
2. Removes oxidation from the metal surface.
3. Conditions the surface for phosphate deposit.
4. Deposits a controlled amount of phosphate on the surface.
5. Protects treated parts from corrosion.
6. Provides a base for paint adhesion or lubricant retention.

Phos-Brite 252 incorporates superior surfactants and activators to produce smooth and uniform phosphate coating ( 50-150 milligrams per square foot ) in a one step process. When properly applied, the phosphate coating will have a black or grey colour on cold or hot rolled steel. This compound does not contain zinc or manganese and is completely non-hazardous and biodegradable.

### DIRECTIONS

**PRESSURE WASHER OR STEAMER** - Use at 0.2 - 0.5% at 150 °F or higher. Apply for 30 - 90 seconds, alternating sides to prevent streaking.

**SPRAY OR TUNNEL WASHERS** - Use Phos-Brite 251 to avoid foaming problems.

**DIP TANK** - use at 1 - 10 %, at 150 - 200 °F. 5 - 30 minutes exposure time is required, depending on the type of metal and coating weight desired.

To store phosphated parts for extended periods (up to 5 years indoor), coat them in Phos-Brite 262.

### CAUTION

Phos-Brite 252 contains phosphoric acid. Use gloves and goggles when handling this product in its concentrated form. Spent solution can be flushed into the sewer after testing for acidity and heavy metal concentration.

### NOTICE

To our best knowledge, the information and recommendations contained herein are accurate and reliable. However, this information and our recommendations are furnished without warranty, expressed or implied. The manufacturer's sole obligation shall be to replace the portion of the product proven to be defective. The seller or manufacturer shall not be liable for any loss, damage or injury from the use or possession of this product.