

## **Additive B**

### **Aluminum Brightening**

**ALTERNATE NAMES** Phosphoric Acid Additive B, Metal Finishing Additive, Bright Dip, R5, Non-Sulfuric Bright Dip

#### **DESCRIPTION**

Additive B is a phosphoric acid-based metallic brightener (copper carbonate in phosphoric acid). It is used in formulating many of the Aluminum Bright Dip products. It may also be added "as is" directly to an operating bright dip bath to increase total and specular reflectance.

PHYSICAL COMPOSITION	
CHEMICAL NAME(S)	% BY WEIGHT
Phosphoric Acid, as H <sub>3</sub> PO <sub>4</sub>	71 - 72
Copper, as Cu	2.5 - 3.0

**PACKAGES** 160 lb. plastic drums

**SHIPPING** Refer to SDS

**SAFETY, STORAGE & HANDLING** Refer to SDS

#### **APPLICATIONS & OPERATING GUIDELINES**

**Application** – Additive B may be used to enhance the brightening capability of a DAB or Phosbrite chemical bright dip.

**Addition** – Additive B should be added directly to the operating bright dip bath. No dilution is necessary.

**Operation** – 1 drum of Additive B contains enough brightener to raise the copper content of a 1000-gallon bright dip bath by 310 ppm (parts per million). Refer to the example below:

1. If a 1000-gallon bright dip bath is currently at 100 ppm copper, adding 1 full drum of Additive B will bring the copper level in the bath to 410 ppm (100 + 310).

#### **FOR FURTHER INFORMATION OR TECHNICAL ASSISTANCE**

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#### **Refer to a Safety Data Sheet for more information**

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**Product is manufactured by the following subsidiary of Nutrien Ltd.:**

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