



Product Name: **Additive B**
Category: **Aluminum Brightening**
Order Code: **ADDB**
SDS No: **238**

METAL FINISHING PRODUCTS

Source: Aurora, NC

Alternate Names: Phosphoric Acid Additive B, Metal Finishing Additive,
Bright Dip Additive, Metallic Brightener

DESCRIPTION

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

POTASHCORP PURIFIED PHOSPHATES PRODUCT CODES
ADDB

PHYSICAL COMPOSITION	
CHEMICAL NAME(S)	% BY WEIGHT
Phosphoric Acid, as H ₃ PO ₄	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). See 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, please contact:

PCS Sales Customer Service
1101 Skokie Blvd.
Northbrook, IL 60062
1 (800) 654-4514

Technical Services
PO Box 48, 1530 NC Hwy 306 South
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