



# Univertical

Global Benchmark of Quality  
Manufacturing facilities in Indiana & Suzhou, China

## HIGH-PURITY CHEMICALS

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### COPPER CHEMICALS

- COPPER SULFATE
- COPPER CHLORIDE

### NICKEL CHEMICALS

- NICKEL SULFATE
- NICKEL ACETATE
- NICKEL BROMIDE
- NICKEL CHLORIDE
- NICKEL SULFAMATE

### MISCELLANEOUS

- BORIC ACID
- ZINC ANODES
- STANNOUS (TIN) SULFATE

### CYANIDES

- SODIUM CYANIDE
- COPPER CYANIDE
- POTASSIUM CYANIDE
- SODIUM COPPER CYANIDE
- POTASSIUM COPPER CYANIDE

## HIGH-PURITY METALS

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### COPPER ANODES

- CU-BRITE OXYGEN FREE COPPER ANODES
- CU-PHOS PHOSPHORIZED COPPER ANODES
- CU-BRITE NON-PHOSPHORIZED COPPER ANODES

### VALE NICKEL ANODES

- P-PELLET
- S-PELLET
- PLATING CHIPS
- PLATING ROUND

### SPECIALTY COPPER

- COPPER BUS BAR
- CUT COPPER CATHODE
- OXYGEN FREE COPPER ROD

203 Weatherhead Street Angola, IN 46703-1024 (260) 665-1500 [www.univertical.com](http://www.univertical.com)





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## SIZES, GRADES, & PACKAGING

### CU-PHOS PHOSPHORIZED COPPER ANODES

#### BALLS

1/2"  
1-1/8"  
1-1/2"  
2"

#### NUGGETS

3/8" x 1/2"  
MINI x 1"

### CU-BRITE OXYGEN FREE COPPER ANODES

#### BALLS

2"

#### NUGGETS

1/2" x 1/2"  
MINI x 1"

### PACKAGING

- \* 44 LB BOX OR 220 LB PAIL
- \* 2,000 LB SKID BOX
- \* 2,000 LB SUPER SACK
- \* 650 KG STEEL DRUM

### ANODE BARS

#### CU-PHOS PHOSPHORIZED

1" x 4" RECTANGLE  
1-1/2" x 3" OVAL

- \* CUT TO LENGTH
- \* DRILLED AND TAPPED

#### CU-BRITE OXYGEN FREE

1" x 4" RECTANGLE  
1-1/2" x 3" OVAL

### OXYGEN FREE COPPER ROD (in coil)

#### AS CAST

8 mm  
9.5mm  
12.5mm  
16mm  
20mm  
25mm

#### FINE GRAIN

MINIMUM IS 10mm  
MAXIMUM IS 25mm

### DRY CHEMICALS

#### COPPER SULFATE CRYSTAL

##### ELECTROLESS

\*CUSTOM BLENDS AVAILABLE UPON REQUEST

#### NICKEL SULFATE CRYSTAL

##### ELECTROLESS

##### PLATING GRADE\*

\* CAMPAIGN ITEM

### PACKAGING

- 50 LB BAG
- NON-STANDARD PACKAGING

AVAILABLE UPON REQUEST

### LIQUID CHEMICALS

#### COPPER SULFATE SOLUTION SUPER-

##### PURE

##### MAXI-PURE

#### NICKEL SULFATE SOLUTION

##### ELECTROLESS

##### PLATING GRADE\*

134 or 100 g/l \*CAMPAIGN ITEM

#### COPPER CHLORIDE SOLUTION

##### ELECTROLESS

#### NICKEL SULFAMATE

24 oz 20 oz

### PACKAGING

- 5 GALLON PAIL
- 55 GALLON DRUM
- 275 GALLON TOTE
- BULK

#### NICKEL CHLORIDE SOLUTION

##### ELECTROLESS

#### 4% NICKEL ACETATE

#### NICKEL BROMIDE

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