

## PRODUCT DATA SHEET

# CU 12 Copper Cleaner

### Introduction

**CU 12 Copper Cleaner** is an acid-based water-soluble cleaner formulated to remove copper oxide, leaving a clean, solderable surface. This product prepares copper surfaces for soldering without causing scratches created by most abrasive cleaning processes.

### Features

- Quickly cleans copper and copper alloys
- Removes oxides leaving a solderable surface
- Controlled etch rate for extended life
- Can be used full strength or diluted

### Process Recommendations

**CU 12 Copper Cleaner** can be used as-is or diluted up to 1:10 for cleaning copper and brass. It can be used as a single dip operation or sprayed in an automated conveyor system. **CU 12 Copper Cleaner** can be used at room temperature or can be heated up to 120°F for heavily oxidized surfaces. Exposure time of 1–5 minutes is adequate to clean most surfaces.

Adequate rinsing, with a final rinse in deionized water, and air-drying will provide the best results. Processing tanks should be polypropylene or rubber-lined steel.

### Packaging

- 5 gallon containers
- 55 gallon drums

### Physical Properties

Test	Result
Color	Clear to light amber liquid
Specific Gravity @ 15.5°C (60°F) @ 25°C (77°F)	1.165 1.165
Flash Point	None

*All information is for reference only.  
Not to be used as incoming product specifications.*

### Technical Support

Indium Corporation's internationally experienced engineers provide in-depth technical assistance to our customers. Thoroughly knowledgeable in all facets of Material Science as it applies to the electronics and semiconductor sectors, Technical Support Engineers provide expert advice in solder properties, alloy compatibility and selection of solder preforms, wire, ribbon, and paste. Indium Corporation's Technical Support Engineers provide rapid response to all technical inquiries.

### Safety Data Sheets

The SDS for this product can be found online at <http://www.indium.com/sds>

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## From One Engineer To Another®

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