

PRODUCT DATA SHEET

# CU 12 Copper Cleaner

## 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

## 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.

## 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>

This product data sheet is provided for general information only. It is not intended, and shall not be construed, to warrant or guarantee the performance of the products described which are sold subject exclusively to written warranties and limitations thereon included in product packaging and invoices. All Indium Corporation's products and solutions are designed to be commercially available unless specifically stated otherwise.

Form No. 97906 R1

[www.indium.com](http://www.indium.com)

[askus@indium.com](mailto:askus@indium.com)

ASIA: Singapore, Cheongju: +65 6268 8678  
 CHINA: Suzhou, Shenzhen: +86 (0)512 628 34900  
 EUROPE: Milton Keynes, Torino: +44 (0) 1908 580400  
 USA: Utica, Clinton, Chicago, Rome: +1 315 853 4900



©2014 Indium Corporation

ISO 9001  
REGISTERED