

**READ THESE INSTRUCTIONS BEFORE STARTING**

Everbrite™ HD Gel Copper Cleaner is a unique solution which has been blended specifically to remove tarnish and oxides from copper based metals. The gel comes in a wide mouth container for easy access. It washes off with water. One 500 gram jar will clean about 14 square feet. (1½ square metres) Everbrite™ HD Gel will cling on copper spouting, gutters, copper walls or other copper preventing run-off. Use on Copper Gutters, Copper Hoods, Post Caps, Fireplaces & other copper that is difficult to clean. It is strong enough to restore tarnished and stained copper back to its original copper shine – **but it is also environmentally safe as well - non-toxic, non-hazardous - it will not harm shrubs or plants.**

**NOTE: This is an acid based cleaner so ensure that you neutralize the metal with EZPrep Neutraliser Concentrate mixed 1:4 with fresh water before applying an Everbrite™ Coating. Then rinse well twice with fresh water.**

**EZ Prep Concentrated Neutraliser and Cleaner is supplied in the Everbrite Coating Kits.**

**Use Personal Protection:** Everbrite™ HD Copper Cleaner Gel is a mild acid based product. Use gloves to protect hands and wear eye protection. **Wash hands after use. Avoid contact with eyes.**

**Directions:** If cleaning exterior copper, the gel works best between 18° and 30° C, avoiding direct sunlight.

- 1 Determine if the copper has had a previously applied coating** Test a small area with the HD Gel Copper Cleaner. Put a small amount on the surface (about the size of a drink coaster). Wait 1 hour then wipe the gel off with a damp cloth. If the tarnish did not change at all, there is some type of coating already on the metal. Any coating must be removed in order for the gel to work. (Gel will not remove previous coatings. You can remove previous coatings by sanding back or with a stripper or solvent like xylene or a lacquer thinner.
- 2 Wash the copper first** Wash first with a mild degreasing soap (like dishwashing liquid) which will help the gel work better. If mould is present use a 20% bleach to water solution to remove the mould before using the gel.
- 3 Liberally brush the Copper Cleaning Gel onto the copper** – about the thickness of thick paint. **If thinner Gel is desired, or the gel is too thick mix a small amount of water to the gel and mix well. Be patient - the process takes time. The gel is not extremely aggressive but is highly effective with time.** For heavily tarnished copper, you may need to leave it on the copper for 3 to 5 hours or more. **Keep the gel moist otherwise it will become ineffective if allowed to dry.** After about an hour, check a few areas with a scrubber pad to determine if the tarnish has “melted” enough to scrub it off. If the tarnish is still hard to remove, leave Gel on for additional time.  
\*\*\* IF YOUR COPPER IS NEW - DO NOT SCRUB - SIMPLY WIPE WITH A SOFT CLOTH \*\*\*  
When the tarnish has been loosened, thoroughly scrub the copper (one section at a time) with a no-scratch scrub pad, going in the direction of the copper grain (usually vertically) to prevent scratching or swirl marks.
- 4 Remove the Gel and dark residue with cloth or paper towels. If a higher sheen is desired, polish with a good copper polish.** The Copper Cleaner Gel will remove the tarnish from copper but will not polish it. We do not recommend polishing copper roofs, because they are rough copper and polishing will not work well. If a higher shine is desired on a copper roof, you can mechanically sand/buff the copper to bring out more reflectivity.
- 5 Neutralise the surface to remove acid traces and clean off polish residue. Mix the EZ-Prep™ Neutralizer with 4 parts water OR mix 1 cup of baking soda with 4 litres of water.** Rinse the copper one section at a time with this solution using a sponge or cloth. **Make sure the surface is thoroughly neutralized.** After neutralizing, rinse well with plain water and towel dry. *(If your water has a high mineral content, it can affect the clean copper. It is recommended to test your water on a small area first to determine if it affects the copper before washing the entire area. Use distilled water instead to rinse the copper.*
- 6 Apply Everbrite Coating.** Now that you have spent so much time and effort cleaning and polishing your copper, you can apply two (2) coats of Everbrite Protective coating to keep your copper shiny for years to come. Solvent wipe before the first coat with methylated spirits or pure acetone.

**FIRST AID:** If swallowed do NOT induce vomiting. Call Doctor, Hospital or Poison Centre. Give large quantities of water.

In case of eye contact IMMEDIATELY flush thoroughly with plenty of water for 15 minutes. If irritation persists contact a Doctor. **KEEP AWAY FROM CHILDREN**

# MATERIAL SAFETY DATA SHEET

NZ - Oct 2024

Complies with OSHA's Hazard Communication Standard (29CFR 1910.1200)

SECTION I * PRODUCT IDENTIFICATION		
Product Name: <b>Copper Cleaning Gel™</b> Product Number: CCG Suppliers Name: <b>Everbrite, Inc.</b> 4600 Kietzke Ln # N254 Reno, NV 89502 Phone 916-852-0200	D.O.T. Hazard Class: N/A D.O.T. Label: None Shipping Name: compounds, cleaning liquid, N.O.I.B.N. Environmental Status: BIODEGRADABLE Reclaim Alerts: none Sanitary Sewer Alerts: none	<b>HMIS RATING</b> <b>Health Hazard 1</b> <b>Fire Hazard 0</b> <b>Reactivity 0</b>

SECTION II * INGREDIENTS				
CHEMICAL NAME	CAS NO.	%WT	TWA-TLV	CARCINOGEN
CITRIC ACID	77-92-9	30-50%	N.E.	NO
*These chemicals are subject of reporting requirements of section 313 of SARA TITLE II and CFR 372				

SECTION III * PHYSICAL DATA		SECTION IV * FIRE AND EXLOSION DATA	
Appearance: Gel Specific Gravity: 1.0908 Boiling Point: 212°F Volatiles: 97.5% Freezing Point: 32°F VOCs 0.00 lbs/gal 0 grams/ltr	Odor: Very little Solubility: 100%(water) pH: .6 Evaporation Rate: <1.0 (water=1.0)	Flash Point: N/A Explosive Limits: None Extinguishing Media: N/A. Special Fire Fighting Procedures: N/A.	

SECTION V * REACTIVITY DATA	SECTION VI * STORAGE AND HANDLING
Stability: Stable Hazardous Polymerization: Will not occur under normal conditions Incompatibility: Avoid contact with strong oxidizing agents Hazardous Decomposition Products: N/A	KEEP OUT OF THE REACH OF CHILDREN Store in a cool, dry. Do not store at temperatures below 32°F.

SECTION VII * HEALTH AND FIRST AID	
PRIMARY ROUTES OF ENTRY EYES: Severe Irritant. Contact can cause irritation. Causes pain & redness. SKIN: Prolonged contact can cause irritation. INHALATION: No hazard in normal industrial use. INGESTION: May be harmful or fatal if swallowed.	FIRST AID PROCEDURES EYES: Immediately flush eyes with plenty of water for 15 minutes. If irritation persists get medical attention immediately. SKIN: Wash with soap & water after exposure. INHALATION: Remove to fresh air. Seek medical attention if any irritation is experienced. INGESTION: If swallowed, do NOT Induce vomiting. Give victim a glass of water or milk. Consult physician or poison control center immediately. Do not give anything by mouth to an unconscious person

SECTION VIII * PROTECTION DATA	SECTION IX * ENVIRONMENTAL PROTECTION
RESPIRATORY PROTECTION: When using in a confined area, provide adequate ventilation or exhaust otherwise none needed.  PROTECTIVE CLOTHING: Wear protective eyewear recommended by OSHA to prevent accidental exposure. Rubber gloves are recommended when handling product. Wash with soap and water if contact with skin occurs.	SPILL CLEAN-UP PROCEDURE: Stop spill or leak if it can be done safely. Contain spill to smallest possible area. Allow small spills to evaporate. Large spills should be recovered for disposal. Avoid runoff into storm sewers or ditches which run into waterways. Waste materials should be disposed of in accordance with all local, state and federal regulations. Waste materials can be burned in an approved incinerator.

The information in this MATERIAL SAFETY DATA SHEET is pursuant to 29CFR 1910.1200 to convey information concerning the hazardous nature of the named product. The information supplied was compiled from the most reliable sources available at the time of preparation and in light of the most reasonable foreseeable exposure situations expected from the intended use of this product. The material(s) may present greater of lesser hazard exposure under other circumstances that are beyond the control of the manufacturer. Therefore it is imperative that all direction and warnings on label be read and followed. Everbrite, Inc. Inc. shall not be held liable for any damage resulting from the handling, or from contact with the above product.

<b>NZ SALES DISTRIBUTOR</b> Everbrite Coatings (NZ) Limited 25 Shelly Beach Parade Cockle Bay Auckland 2014 +64 9 537 0644 9.00am - 4.00pm M-F	<b>NEW ZEALAND POISON CENTRE</b> 0800 POISON / 0800 764 766  <b>NEW ZEALAND EPA Group Standard Approval:</b> <b>Cleaning Products (Subsidiary Hazard) Group</b> <b>Standard 2020 - HSR 002530</b>
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