

**FOR TRAINED PROFESSIONAL USE ONLY.** Consult Cool Worx SDS before use.

**IMPORTANT:** Vigorously shake bottle to ensure coating is mixed before use. Cool Worx is a ready-to-use water-based coating for air cooled HVAC/R, and precision cooling, or process cooling coils. Do not dilute.

**USAGE:** Cool Worx will cover approximately 20 sq. ft. of coil surface area using Nu-Calgon's three coat method. Apply Cool Worx only to a completely dry coil in an ambient between 50°F to 100°F where the relative humidity is below 80%.

Wear eye protection. Wear protective gloves, nitrile rubber gloves that are tested by ASTM F739. Wear suitable protective clothing to protect against dermal exposures. Spraying Cool Worx onto coil requires a NOISH certified respirator with an APF of 1000. Nu-Calgon recommends 3M Powerflow Face Mounted PAPR, 3M P/N: 6900PF. Use respirator rated APF of 10 during all other uses.

**DIRECTIONS:** Turn off power to unit. Determine the condition of the coil, including if it is non-coated or previously coated coil. Never clean coil with Nu-Brite while indoors.

**Non-Coated Coil:** Clean coil with Tri-Pow'r HD following label instructions using a 4:1 dilution with water. For a severely corroded outdoor coil, use Nu-Brite at a 10:1 dilution ratio. Follow cleaner instructions, rinse thoroughly. Allow coil to dry, apply Cool Worx with a market available HVLP sprayer (Nu-Calgon recommends Graco TrueCoat 360 or Titan Capspray X115) or compressed air or air-assisted airless system options. See applicator guide for details.

**Previously Coated Coil:** Clean outdoor coil using Nu-Brite at a 10:1 dilution ratio. Follow cleaner instructions, rinse thoroughly. Allow coil to dry, apply Cool Worx with a market available HVLP sprayer (Nu-Calgon recommends Graco TrueCoat 360 or Titan Capspray X115) or compressed air or air-assisted airless system options. See applicator guide for details.

**Applying Cool Worx:**

Apply coating 90 degrees from the coil with sprayer tip two-three inches away from the coil fins. For second coat, apply from right to left at 45 degrees to the coil fins; third coat apply from left to right to the coil fins. Coatings can be applied within 10 minutes of each other. After third coating, allow 10 minutes for coating to be touch dry before turning on the unit to facilitate Cool Worx drying. Allow 48 hours or more to fully cure. Apply supplied Cool Worx decal to system panel and record application date.

**Coil Maintenance:**

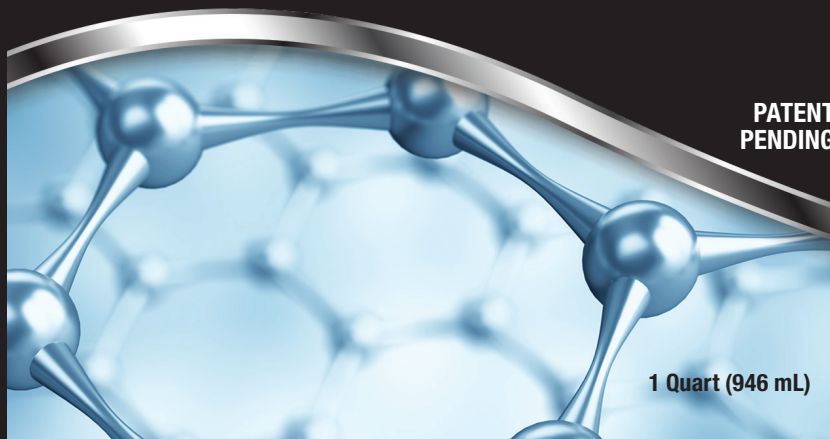
Maintain coil performance with cleaning the coated coil every six months with Nu-Calgon Cal-Green or other approved option. NEVER use a solvent cleaner or high-pressure water or brightener cleaners, whether acidic or sodium/potassium hydroxide based alkaline cleaning solution to a Cool Worx coated coil.

4158-20



**Thermal Conductive Coating For HVAC/R Coils**

- ◆ Saves Energy-Improves Coil Performance
- ◆ Provides Long-Term Corrosion Protection
- ◆ Extends Equipment Life



**PATENT  
PENDING**

**1 Quart (946 mL)**

Do not release any waste containing Cool Worx into water stream/system. Dispose of waste and residues in accordance with local authority requirements. For emptied containers, allow residue to fully cure before proper solid waste disposal. Do not recycle empty containers. Prevent from freezing.

**KEEP OUT OF REACH OF CHILDREN.**

Based on analogue Cool, the EPA identified potential concerns for worker inhalation exposure (Human Health Hazard – specific target organ toxicity) and exposure to the environment (Environment Hazard – May be toxic to aquatic life) if the substance is used or processed in spray, dip, and/or roll coating applications. US OSHA does not classify for environmental hazards; therefore, there is no impact to the environmental hazard classification for this substance. The lung overload effects triggering the EPA human health hazard concern were only predicted in an acute inhalation study at concentrations which exceed the US OSHA classification criteria cut-off concentrations for Specific Target Organ Toxicity – Repeated Exposure (STOT-RE). The 28-day repeated dose exposure study reported a lack of lung inflammatory markers at the maximum concentration tested. There has been no chronic concentration identified that produces significant health effects and the acute concentrations linked by the EPA to lung-overload concerns exceed the STOT-RE cut-off for classification and are not relevant for OSHA hazard classification.

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For more information: [www.coolworxhvacr.com](http://www.coolworxhvacr.com)



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