

ECO-BRIGHT I

THE GREEN COIL CLEANER+

ECO-BRIGHT I:

A revolutionary, low-pH, synthetic acid replacement formulated to deliver superior cleaning and brightening for evaporator coils, air-cooled condensers, and finned cooling/heating coils. This heavy-duty solution combines powerful surfactants, corrosion inhibitors, and chelating agents for exceptional synergistic performance on calcium, limescale, and oxidation deposits while ensuring safety for the applicator and environment. Its high-foaming action effectively removes stubborn contaminants like dust, grime, grease, and oxidation, restoring coil efficiency and reducing operating costs. Safe, non-corrosive, and non-toxic, Eco-Bright I is the ultimate alternative to harsh acids for cleaning aluminum and copper surfaces, providing unmatched results with a focus on safety and efficiency.

FEATURE CLAIMS AND BENEFITS:

- Effectively cleans and brightens corroded and oxidized aluminum and copper coils, restoring their original appearance and efficiency.
- Extremely operator friendly; non-fuming formula.
- Triple Zero Hazardous Materials Index Score (Health + Flammability + Reactivity).
- Easily removes dust, grease, and other stubborn residues from coils for optimal performance.
- Non-Regulated per the US DOT.
- No EPCRA Filing Required (Risk Management).
- Contains no hydrofluoric or sulfuric acids.
- Non-Phosphorus, Non-Diethylene Glycol Butyl Ether.
- Biodegradable & environmentally focused synthetic HCl replacement.
- Suitable for both indoor and outdoor coil cleaning without compromising safety.
- Advanced synergistic formulation combines surfactants and chelating agents for superior cleaning efficiency.
- Effective on Calcium, Oxidation, Lime Scaling, Dust, Dirt, Grime, Mineral-Deposits, Corrosion and Grease.

DIRECTIONS:

- Low-pressure, acid-resistant tank sprayers are recommended.
- If coil is heavily soiled with lint, hair, or heavy solids, use brush or air hose to remove this matter prior to using Eco-Bright I.

Initial cleaning of oxidized or corroded coils:

- Dilute 1-part Eco-Bright I with 2-parts water. Spray or brush on and rinse off with water.

To maintain coils with regular cleaning:

- Dilute 1-part Eco-Bright I with 10-parts water. Rinse clean with water.

TYPICAL PHYSICAL PROPERTIES:

Appearance and Color	Pink Liquid
Initial Freeze Point	22°F (-5.56° C)
Odor	Mild Detergent Odor
Solubility in Water	100%
Melting Point	N/A
Flashpoint	N/A
Specific Gravity	1.05±.04

RECOMMENDED USES:

- Aluminum & Copper Coils.
****Do not use on Anodized Aluminum****
- Cooling Units & Air Conditioner Fins.
- Building Materials (Siding, Railings, & Décor Facades).
- Aluminum Trailer Bodies & Boat Hulls.
- Radiators (Fins & Surfaces).
- Aluminum & Copper Food Processing Equipment (NSF A1/K4).

STORAGE AND HANDLING:

Rinse empty container with water and discard as per federal, state and local guidelines. Ships UPS/FedEx without hazmat paperwork.

STORAGE AND HANDLING:

Eco-Bright I is packaged in 1-gallon bottles, 2.5-gallon bottles, 55-gallon drums, and 275-gallon totes.

Recommendations given in this data sheet are based on tests believed to be reliable. However, the use of the information is beyond the control of Heartland Energy Group, Ltd. and no guarantee, expressed or implied is made to the results obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage from the misuse of the product as such, or in combination with other materials. This bulletin is not to be taken as a license to operate under or recommendation to infringe any patent.

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