

# CEE-BEE BRIGHTENER B-6

by Cee-Bee®



## d a t a s h e e t

**CEE-BEE BRIGHTENER B-6** is a thickened, acidic, heavy duty corrosion remover and brightener for aluminum.

### BENEFITS

- Rapidly and completely removes surface oxidation and corrosion.
- Prepares surface for power polishing.
- Contains a unique "water shedding" agent which produces a more lustrous surface than ordinary brighteners.
- Free rinsing - readily removed with flowing water.
- Thixotropic - clings to inclined and vertical surfaces.
- Safe on most soundly bonded paints which contain no aluminum pigment; most plastics, including Plexiglas; and most electrical insulation.
- Acids completely expend themselves leaving no corrosive residues.
- Contains no chromates or other heavy metal salts.
- Surfactants biodegradable.

### CONFORMS TO

- **AMS 1640B**
- **BOEING LTR. 6-7161-4-9640 747 MANUAL**
- **DOUGLAS DPM 1112-4**
- **LOCKHEED LAC 32-602**

**NOTE: To place an order, call or FAX Customer Service at  
800-327-0466 / FAX 1-216-441-1377  
Cee-Bee Brightener B-6 Product Code # 22005**



## NOTES PRIOR TO HANDLING

**Before using your McGean-Rohco, Inc. products, all safety and operating instructions should be read and understood. If you have any questions, please contact your McGean-Rohco representative before proceeding.**

## USE PROCEDURES

1. Before using Cee-Bee B-6 on an aircraft surface, mask high strength steel parts, plug engine openings, mask cockpit windows, install pitot covers and tape static parts and drain holes.
2. Wet wash surface using an alkaline cleaner, such as Super Bee 210.
3. Use as received for maximum benefit or dilute with up to 4 parts water for a lighter etch. Apply a uniform film using a brush, roller or stainless steel barrel pump with a 5:1 air ratio. Start at the lowest point on the surface and work upward.
4. Allow to dwell 5 to 10 minutes, brush evenly with Cee-Bee 10" Brightener Brushes and allow to dwell 5 to 10 minutes more.
5. Thoroughly rinse off spent brightener using flowing water. Start at the highest point on the surface and work downward.
6. Repeat Steps 3 through 5 if necessary.
7. If smutting occurs, immediately apply Cee-Bee A-601 Smut Remover as instructed in the Cee-Bee A-601 product data sheet.

## PROPERTIES

- Thick, colorless liquid with a pH below 2. Mild odor.
- No flash point.

## PRECAUTIONS

- **WARNING!** Contains hydrofluoric acid. Avoid any contact with eyes and skin. Will cause severe burns which may not be immediately painful or visible.
- Wear rubber gloves and safety glasses, goggles or face shield. Some form of eye protection is always absolutely essential. For a large scale operation, wear full wash rack gear. Use with adequate ventilation.
- Do not take internally. In case of accidental contact, immediately flush affected area with water for at least 15 minutes while removing contaminated clothing. If irritation persists, seek medical attention. Wash clothing before reuse.
- For ingestion, immediately administer large quantities of water and seek medical attention. Do not induce vomiting.
- Cee-Bee B-6 will attack magnesium, anodized aluminum, titanium and cadmium plated surfaces.
- High strength steels are embrittled by Cee-Bee B-6. Parts, such as jet aircraft landing gears, flap brackets and tracks, must be thoroughly masked to avoid contact.
- Cee-Bee B-6 will etch glass. The cockpit windows should be masked to avoid contact. Aluminum foil and foil-backed masking tape are acceptable.
- Do not mix or store Cee-Bee B-6 solutions in galvanized containers.
- Viscosity of Cee-Bee B-6 slowly drops during storage. Maintain storage temperature below 80°F (26°C) to minimize rate of viscosity reduction.
- Avoid damage to containers. Keep bung tight to prevent leakage. Before removing bung, loosen slowly to relieve internal pressure.
- Treatment of severe pitting and exfoliation, or intergranular corrosion with Cee-Bee B-6 is not recommended. For these severe forms of corrosion, mechanical, rather than chemical removal is recommended.