

### Cee-Bee® B-6

Cee-Bee® B-6 is a thickened, acidic, heavy-duty corrosion remover and brightener for aluminum.

#### Conforms To

- AMS
  - AMS 1640C
- Boeing
  - Ltr. 6-7161-4-9640
- Douglas
  - DPM 1112-4
- Lockheed Martin

#### 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.
- Readily removed with flowing water.
- Thixotropic. Clings to inclined and vertical surfaces.
- Safe on most soundly-bonded paints and most plastics.
- Contains no chromates or other heavy metal salts.

#### Properties

- Thick, colorless liquid
- pH below 2
- Mild odor

#### Notes Prior to Handling

Before using your Cee-Bee® products, all safety and operating instructions should be read and understood. If you have any questions, please contact your Cee-Bee® representative before proceeding.

## Use Procedure

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1. Before using Cee-Bee® B-6 on an aircraft, mask high strength steel, engine openings, flight deck windows, install pitot covers and tape static ports and drains.
2. Wet wash surface using an alkaline cleaner, such as Super Bee™ 210.
3. Use Cee-Bee® B-6 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, then agitate with brush or scrub pad and allow to dwell an additional 5 to 10 minutes.
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.

### Safety, Handling, and 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.

## Contact Us

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**CAUTION:** BEFORE USING ANY OF THESE PRODUCTS, YOU MUST BECOME COMPLETELY FAMILIAR WITH THE INFORMATION CONTAINED IN MCGEAN'S SAFETY DATA SHEETS. All information contained therein or in this document regarding handling, personal protection, and other safety measures must be followed during use. McGean presents the information herein without warranty and disclaims any liability, including any consequential, special, or indirect damages, arising from its use and misuse. Because the use, the conditions of use, product or product composition, and/or applicable laws may differ from one location to another and/or may change with time, the purchaser and/or user is solely responsible for determining whether the product is appropriate for use. McGean recommends use of this product solely in commercial processes which are specified by McGean and which do not violate any third-party patent rights or any laws or regulations or otherwise adversely impact human health and the environment. Users must make their own investigations and determine the suitability of the product for their particular purposes. McGean does not guarantee the accuracy of any data provided by its suppliers. MCGEAN MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE EXCEPT AS EXPRESSLY STATED IN THE SELLER'S SALES CONTRACT OR SALES ACKNOWLEDGEMENT FORM. USE OF ANY MCGEAN PRODUCT IS AT THE USER'S RISK.



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