

Cee-Bee® 280

Cee-Bee® 280 is a versatile, alkaline, water based cleaner for aircraft, ground support equipment and trucks, trailers, buses and rail cars.

Conforms To

- Airbus
- AMS
- Boeing
- Fokker Aircraft
- Goodrich
- Goodrich & Messier
- Hamilton Standard
- Lockheed Martin
- Messier-Bugatti/Goodrich
- Shorts

Benefits

- Excellent general-purpose cleaner. Removes traffic soils and jet exhaust carbon.
- May be used for cleaning interiors of aircraft.
- May be used as a water mix cleaner, as an emulsion with petroleum solvent, or as a foam-on cleaner through a foam generator.
- All surfactants are biodegradable
- Safe for use on common structural and aircraft metals, including low carbon, stainless and high strength steel, aluminum and aluminum alloys, magnesium and magnesium alloys, copper and copper alloys, cadmium, tin and zinc
- Safe for use on glass, paint and most plastics, including acrylic

Properties

- Clear to straw colored, thin liquid
- pH approximately 12
- 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.

Conforms To (Continued)

- Airbus
 - CML 11-001Q
 - CML 11-017
- AMS
 - AMS 1526C
 - AMS 1527C
 - AMS 1550B
- ASTM
 - ASTM-F-945
- Boeing
 - 737 & 747 Manuals
 - AMM 51-21-61
 - Bac 5744
 - SOPM 20-30-03
 - SOPM 20-60-01
- Fokker Aircraft
 - F-27 Maintenance Manual
- Goodrich
 - Approved Cleaners
 - CMM 32-40-24
 - CMM 32-40-44
 - CMM 32-40-50
 - Eddy Current Cleaners
- Goodrich & Messier
 - CMM 32-41-75
 - CMM 32-41-89
- Hamilton Standard
 - Approved Cleaning Agents
- Lockheed Martin
- Messier-Bugatti/Goodrich
 - CMM 32-41-83
- Shorts
 - SD3-60 Maintenance Manual

Use Procedure

Cleaning Exterior Surfaces with Water Solutions

For light to moderate soils: Dilute 1-part Cee-Bee® 280 with 5 to 10 parts water.

For heavy soils: Dilute 1-part Cee-Bee® 280 with 2 to 5 parts water.

1. Avoid areas in direct sunlight and wind. If the surface temperature is over 100°F (38°C), cool with a flow of clear water.
2. Apply the cleaning solution with non-atomizing spray equipment. Other methods of application may be used instead.
3. Start at the lowest point on the surface and work upward. Allow solution to penetrate soils, then agitate lightly with mop or brush.
4. Rinse with preferably a free-flowing stream of water though high pressure may be used. Start at the top and working downward. Note that if high pressure is used, OEM documentation should be checked for compliance with maximum allowable pressures.

Use Procedure (Continued)

Cleaning Interior Surfaces

1. Dilute 1-part Cee-Bee® 280 with 10 to 20 parts water.
2. Apply the cleaning solution using a spray bottle, sponge or clean cloth.
3. Wipe clean with soft, dry cloths.

Grease and Carbon Removal with Solvent Emulsions

1. Dilute 1 part Cee-Bee® 280 with 1 to 4 parts water, then mix the water solution with 2 to 5 parts aliphatic petroleum solvent.
2. Mix vigorously for at least 5 minutes. Let stand 5 minutes, then agitate vigorously for 5 minutes. Emulsion should be stable for about 1 hour. If emulsion splits, recombine with vigorous agitation.
3. Apply emulsion with mops, brushes or non-atomizing spray equipment. Start at the bottom and work upward. Allow to dwell, then agitate with mops or brushes. Thoroughly rinse with preferably free-flowing water though high pressure may be used. Note that if high pressure is used, OEM documentation should be checked for compliance with maximum allowable pressures.

Note:

- Add solvent to increase viscosity. Add water for a thinner emulsion.
- Petroleum solvent used to make an emulsion should have a flash point above 100°F, preferably 140°F, (38-60°C) should be limited to 10% aromatic content and contain essentially no benzene or toluene.
- Little if any additional cleaning power is obtained by increasing solvent concentration above the lower limit of the recommended use range.

Cleaning with Foam

1. Dilute 1 part Cee-Bee® 280 with 15 to 30 parts water. Pass through foam generator. Adjust air and solution flow for a stable, dry foam.
2. Avoid areas in direct sunlight and wind. If the surface temperature is over 100°F (38°C), cool with a flow of clear water.
3. Apply a uniform coat and allow to dwell a few seconds before agitating with a mop or brush.
4. Immediately rinse with flowing water.

Safety, Handling, and Precautions

- Avoid contact with eyes and prolonged contact with skin. Use rubber gloves. Goggles, rubber boots and other protective clothing may be required for large scale operations.
- Do not take internally.
- In case of accidental contact flood area with water. If eye irritation persists, seek medical attention.
- Use clean mops and brushes and rinse dust off the windows with clear water. Cleaner will not damage acrylic, but adherent dust on windows and/or abrasive soil on previously used mops and brushes may scratch the surface.

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