

CEE-BEE® CLEANER 280



AIRCRAFT CLEANER

CEE-BEE® CLEANER 280 is a versatile aqueous alkaline cleaner for aircraft exteriors and interiors; aircraft ground support equipment and trucks; trailers, buses and rail cars.

BENEFITS

- Excellent general purpose cleaner Removes traffic soils and jet exhaust carbon Also excellent for cleaning aircraft interior surfaces and ground transportation vehicles
- Safe on most metals, including low carbon, stainless and high strength steels, aluminum, magnesium, copper, cadmium, tin and zinc
- Safe for use on glass, paint and most plastics, including acrylics
- Non-flammable
- Surfactants biodegradable

PHYSICAL PROPERTIES

Appearance	Liquid	Solubility	Water soluble	Flammability	Non-flammable
Colour	Light yellow	pH	####	Density	1.04 g/ml
Odor	Pleasant odour	Flash Point	Non applicable		

AVAILABLE FORMATS



20L

20CB280P

208L

20CB280D

1000L

20CB280T

APPROBATIONS

- AMS 1526C & 1527C
- BF GOODRICH
- BOEING BAC 5744, 737 & 747 MANUALS
- DOUGLAS DPM 3017-1
- FOKKER AIRCRAFT
- HAMILTON STANDARD CANADA
- LOCKHEED EPS G32.241
- SHORTS SD3-60 MAINTENANCE MANUAL
- UA AAM, CHAPTER 11

USE PROCEDURES

CLEANING EXTERIOR SURFACES WITH WATER SOLUTIONS

For light to moderate soils: Dilute 1 part cleaner with 5 to 10 parts water. / For heavy soils: Dilute 1 part cleaner with 2 to 5 parts water.

1. Apply cleaning solution preferably with non-atomizing spray equipment. Other application methods may be used instead. 2. Start at the lowest point on the contaminated surface and work upward. Allow solution to penetrate soils, then agitate lightly with mop or brush. 3. Rinse with preferably a free-flowing stream of water; though high pressure may be used. Start at the top and work downward. Note, that if high pressure is used, OEM documentation should be checked for compliance with maximum allowable pressures.

GREASE AND CARBON REMOVAL WITH SOLVENT EMULSIONS

1. Dilute 1 part cleaner 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 preferably with free-flowing water; pressurized rinse system may also 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 to produce thinner emulsions.

CLEANING WITH FOAM

1. Dilute 1 part cleaner 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 greater than 38 °C (100 °F), 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. Immediately rinse with flowing water.

CLEANING AIRCRAFT SURFACE INTERIORS AND GROUND TRANSPORTATION VEHICLES

1. Dilute 1 part cleaner with 10 to 20 parts water. 2. Apply cleaning solution using a spray bottle, sponge or clean cloth. Wipe clean with soft, dry cloths.

PRECAUTIONS

Use clean mops and brushes, and rinse dust off windows with clear water. Cleaner will not damage acrylics, but adherent dusts on windows and/or abrasive soils retained on previously used mops and brushes may scratch surfaces.

NOTE: Petroleum solvents used to make an emulsion should have a flash point above 38 °C (100 °F), preferably 60 °C (140 °F); and should be limited to 10 % aromatic content and contain essentially no benzenes or toluenes.

LEGISLATION

- WHMIS Regulated

SAFETY & HANDLING

- Refer to Safety Data Sheet (SDS) for additional information
- Dispose of container and its contents in compliance with all applicable regulations.

• Avoid eye and skin contact; may cause irritation. Use rubber gloves when applying. • Safety glasses, rubber boots and other personal protective clothing are recommended for large scale concentrated cleaning operations. • Do not ingest. In case of accidental contact, flush affected areas with water. If irritation persists seek medical attention. • Use clean mops and brushes and rinse dust off of the windows with clear water. • Cleaner will not damage acrylic, but adherent dusts on windows and/or abrasive soils retained on previously used mops and brushes may scratch surfaces. Note: If mixed with organic solvents to make an emulsion, mixture should have a flashpoint above 38 °C (100 °F); preferably 60 °C (140 °F). Mixture should be limited to 10 %, by volume, solvent content, and not contain any benzenes or toluenes.

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