



Technical Data Sheet

CleanSafe™ 787C

Product Description

CleanSafe 787C Aqueous Cleaner is an aerospace approved high performance cleaning agent specially designed for use in spray-in-air cleaning processes. CleanSafe 787C is designed to remove difficult soils such as corrosion inhibiting compounds (CICs), drawing oils, forming compounds, greases, hydraulic fluids, lubricants, oils and metalworking fluids. It has been shown to outperform traditional aqueous cleaners in side-by-side testing. CleanSafe 787C is safe for use on ferrous and non-ferrous alloys such as untreated aluminum, alodined and anodized aluminum, carbon steel, copper and copper alloys, stainless steel, titanium and magnesium. It is approved by the South Coast Air Quality Management District (SCAQMD) as a Clean Air Solvent.

Features and Benefits

- Aerospace Approved
- Low VOC
- NPE/APE free
- Phosphate free
- Safe on Metals, Composites
- Non-Foaming
- Cleaning Prior to NDT
- Non-Scaling
- Long Bath Life

Properties

Odor	Mild
Specific Gravity (25°C)	1.08
pH Value (10%)	11.6

Soils Removed

- Coolants
- Corrosion Inhibiting Compounds
- Cosmoline Mineral Oils
- Cutting Oils
- Drawing Fluids
- Fingerprints
- Hydraulic Fluids
- Lubricating Oils
- Mill Oils
- Particulates
- Synthetic Oils
- Water-Soluble Oils

Equipment

Suitable for use in spray-in-air washers.

Process

Wash Bath Concentration	3-10%
Wash Bath Temperature	140-160 °F (60-71 °C)
DI Water Rinse Temperature	140-160 °F (60-71 °C)



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Environmental/Regulatory

Ozone Depletion Potential (ODP)	Zero
Global Warming Potential (GWP)	Zero
Chemical Oxygen Demand (COD) (0.1% conc.)	383 mg/L
Volatile Organic Compound (VOC)	90 g/L
Hazardous Air Pollutant (HAP)	No
Superfund Amendments and Reauthorization Act (SARA)	Not Regulated
Hazardous Air Pollutants (NESHAPs)	Not Regulated
Resource Conservation and Recovery Act (RCRA)	Not Regulated
Nonylphenol Ethoxylates (NPEs)	None
Alkylphenol Ethoxylates (APEs)	None
Phosphates	None

Disposal/Safety

Disposal

Vantage recommends contacting your current or local environmental service company for proper disposal.

Safety

Please see Safety Data Sheet for further information.

Approvals and Testing

Approvals

Bell Helicopter M/C 2100-00097

Boeing BAC 5749 (6-153)

Boeing BAC 5763 (6-62)

CFM SPM 70-21-18 (CP2735)

CFM SPM 70-21-19 (CP2735)

Engine Alliance SPM EAP-2202

General Electric Aircraft Engines 70-21-22 (C04-289) and Detergent Products

Honeywell EMS53170 (I & II)

IAE CoMat 01-565

Messier-Dowty PCS-2621

Pratt & Whitney POP1800 (PMC 1465)

Pratt & Whitney POP573-AD (PMC 1465)

Pratt & Whitney POP58-R (PMC 1465)

Pratt & Whitney SPOP209 (SPMC 190)

Pratt & Whitney SPOP209 (SPMC 190)

Rolls-Royce CSS204

Rolls-Royce OMat 1/24L

Safran In-1500 Products Used for Degreasing-Alkaline

Spirit AeroSystems SPS 107630

United Services (CLE3007-34)

Testing

ASTM F483, F502, F519, F945, F1110, F1111, D816, E1447; SAE ARP 1755B Stock Loss

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Packaging

Available in 44 lb (20 kg) pails and 485 lb (220 kg) drums.

Shelf Life

36 months when stored in original, sealed container above 50 °F (10 °C). Protect product from freezing.



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