



CleanSafe™ 787

Technical Data Sheet

CleanSafe 787 is a high performance aqueous cleaning agent specially designed for spray-in-air and agitated immersion equipment.

CleanSafe 787 is selected when a low-foaming cleaner with excellent substrate compatibility and no volatile organic compounds (VOCs) is required.

CleanSafe 787 is free of volatile organic compounds (VOCs) per ASTM D 2369 Standard Test Method for Volatile Content of Coatings.

CleanSafe 787 effectively removes a wide range of soils such as drawing and stamping oils, coolants, synthetics and other metalworking fluids.

CleanSafe 787 is safe for use on ferrous and non-ferrous alloys such as untreated aluminum, alodined and anodized aluminum, copper and copper alloys, titanium, magnesium and steels. It is also compatible with polymeric substrates and elastomers.

CleanSafe 787 is a Boeing BAC 5763 (Type II Grade A) approved cleaner, permitting its use on faying surfaces or areas of entrapment.

CleanSafe 787 is a phosphate-free cleaner, designed for low environmental impact. It does not contain nonylphenol ethoxylates (NPEs) or alkyphenol ethoxylates (APEs).

CleanSafe 787 is supported by a global network of technical representatives, capable of solving the industries most difficult cleaning applications.

FEATURES & BENEFITS

- Low-Foaming
- Material Compatibility
- Safe on Faying Surfaces
- Residue-free Rinsing
- Oil-Splitting
- Biodegradable
- VOC-free
- NPE/APE-free
- Phosphate-free
- Non-Corrosive

PROPERTIES

Appearance.....	Clear liquid
Solubility in Water.....	Complete
Odor.....	Mild
Flash Point.....	N/A
Specific Gravity (25°C).....	1.10
pH value (100%).....	12.0
COD value (0.1%).....	317 mg/L
Bath Monitoring.....	Titration

PROCESS

Spray-in Air Cleaning: Add CleanSafe 787 to the wash tank, using a concentration between 3-10% by volume. Typical operating temperatures range between 100-180°F (38-82°C).

Immersion Cleaning: Add CleanSafe 787 to the wash tank, using a concentration between 5-15% by volume. Typical operating temperatures range between 100-180°F (38-82°C).

SOILS REMOVED

- Mineral Oils
- Synthetic Oils
- Rust Inhibitors
- Lubricating Oils
- Particulate Matter
- Water-Soluble Oils
- Coolants
- Buffing Compounds
- Fingerprint Oil
- Dust

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EQUIPMENT

- CleanSafe 787 is suitable for use in a variety of commercially available cleaning equipment including spray-in-air washers and immersion/soak tanks with moderate to high agitation.
- Bath concentration may be monitored by titration, refractive index or conductivity.
- Companies requiring new cleaning equipment may contact Petroferm for supplier recommendations.

APPROVALS & TESTING

Approvals

Boeing BAC 5763 Type II Grade A (PSD 6-52)

Testing

ASTM D 2369 Standard Test Method for Volatile Content of Coatings

SHELF LIFE

The shelf life for this product is thirty-six (36) months when it is stored in its original, sealed container at room temperature.

However, the product should be inspected after thirty-six (36) months from the date of manufacture prior to customer use.

Typical property data is not intended for specification purposes. Petroferm, its sales agents and distributors make no warranty of merchantability of the product or of product fitness for any particular purpose. This product and all information supplied are used at the purchaser's own risk. The purchaser assumes all risk of use or handling of the product, whether in accordance with directions or not.

ENVIRONMENTAL/REGULATORY

Ozone Depletion Potential (ODP).....	Zero
Global Warming Potential (GWP).....	Zero
Significant New Alternatives Program (SNAP).....	Approved
Hazardous Air Pollutant (HAP).....	No
National Emission Standards for Hazardous Air Pollutants (NESHAPs).....	Not regulated
Superfund Amendments and Reauthorization Act (SARA).....	Not regulated
Resource Conservation and Recovery Act (RCRA).....	Not regulated

DISPOSAL/SAFETY

Disposal: Petroferm recommends contacting your current or local environmental service company for disposal of this product.

Safety: Please see Material Safety Data Sheet for further information.

Storage: CleanSafe 787 should be stored in the original container, preferably above 50°F (10°C), in a ventilated, fire-resistant building.

Packaging: CleanSafe 787 is available in 44 lb (20 kg) pails and 485 lb (220 kg) drums.



Petroferm

Advanced Products for Advanced Cleaning

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