

AquaVantage® 1696 GD

Neutral-pH, non-silicated spray wash & degreasing detergent

KT-CC-BLN-1696GD

DILUTION 3–15% typically 5%	TEMPERATURE 49–82 °C typically 49–66 °C	CYCLE TIME 1–5 min range 1–30 min	PH CONCENTRATE 7.9–8.3 near neutral
---	---	---	---

DESCRIPTION

AquaVantage 1696 GD is a neutral-pH, non-silicated, non-phosphated, APE/NPE-free, non-foaming aqueous degreasing chemistry. Its near-neutral working solution suits sensitive metals — cadmium, copper and copper alloys — as well as plastics and elastomers, and it is safe on virtually all metals. Formulated for spray wash, circulating parts washers and highly agitated immersion systems, it separates oil for easy skimming and rinses very freely.



KEY BENEFITS

& industries

- Neutral pH — safe on sensitive metals, plastics and elastomers
- Non-silicated, non-phosphated, APE/NPE-free
- Low foaming above 49 °C — suits spray wash
- Very free rinsing — cleaner parts, simplified process
- Extends bath life, saving labour and cost
- Separates oil effectively for easy skimming
- RoHS compliant
- Fewer cleaning reworks and rejects

Aerospace MRO

Sensitive metals & alloys

Spray wash lines

Precision manufacturing

Vacuum & semiconductor parts

TYPICAL CHARACTERISTICS

from SDS §9

Form / appearance	Clear light-yellow liquid
Odour	Mild
Viscosity	Water-thin
Solubility in water	100%
Specific gravity	1.03
pH, concentrate	7.9–8.3
Flash point	Does not flash
Boiling point	100 °C

Typical values only — consult the specification sheet. Sourced from the Kleentek SDS (KT-CC-BLN-1696GD).

USE RECOMMENDATIONS

System	Spray wash (batch or continuous) · circulating parts washer · immersion with significant agitation
Dilution	3–15%, typically 5%
Cleaning temperature	49–82 °C , typically 49–66 °C
Cleaning duration	1–30 min; typical parts clean in 1–5 min
Rinse	A heated rinse may improve performance; some OEM specifications require one. Final-rinse conductivity: ultra-clean ≤ 50 µS/cm · precision ≤ 500 µS/cm · gross > 500 µS/cm

To avoid spotting, keep parts wet between processing stages.

**MATERIAL
COMPATIBILITY**

Ferrous — carbon steel · stainless steel

Non-ferrous — aluminium · cadmium plating · chrome plating · copper alloys & plating · titanium & titanium alloys

Plastics & composites — HDPE · nitrile butadiene rubber · PVC

Other — glass

Not suitable

None documented — the mildest product in the range. Magnesium and zinc are not on the approved list; test before use.

Non-corrosive and non-staining to a wide variety of alloys. Always confirm compatibility by testing with your specific contaminants under your specific cleaning conditions.

SOILS REMOVED

Coolants · particulate dirt · grease · inks · oils (general, cutting, drawing compounds, fingerprints, forming, hydrocarbon, lubricants, self-emulsifying, silicone/greases, water-soluble)

**APPROVALS
& conformance**

Boeing BAC 5763; emulsion cleaning · Safran PR-1500 · South Coast AQMD certified as a Clean Air Solvent

Test compliance

ARP 1755B stock loss (Cat. 10) · ASTM F-483 total immersion corrosion · F-485 unpainted aircraft surfaces · F-945 titanium stress corrosion · F-1110 sandwich corrosion

**AVAILABILITY
& quality**

10 L

KT-CC-BLN-1696GD-10

20 L

KT-CC-BLN-1696GD-20

200 L

KT-CC-BLN-1696GD-200

1,000 L

KT-CC-BLN-1696GD-1000

Minimum order quantity 10 L. Manufactured under Kleentek's ISO 9001:2015 certified quality management system — a Certificate of Analysis for the supplied batch is available on request.

TRANSPORT

Not classified as Dangerous Goods for transport.

SAFETY & HANDLING

Classified as hazardous — GHS Warning. Wear protective gloves and eye protection when handling the concentrate. Refer to the Safety Data Sheet (KT-CC-BLN-1696GD) for classification, handling, storage, transport, spill response and disposal; the SDS takes precedence over this document in all matters of safety.