

# brulin™



SCAN ME

# AquaVantage® 815GD-NF

## PROCESS DETERGENT DEGREASER

The Aqueous Cleaning Standard in Immersion and Ultrasonic Detergents

**AquaVantage 815GD-NF** is the environmentally safe REACH registered version of this legendary aqueous hot degreasing and precision parts cleaning chemistry. Developed for soil removal during the manufacturing or rebuilding of aerospace and premium engineering components in immersion mildly agitated or ultrasonic cleaning processes.

### Safe for Use on Many Substrates

**AquaVantage 815GD-NF** is non-corrosive and non-staining to a wide variety of alloys and composite materials;-

**Ferrous Metals:** Carbon steel • Stainless Steel • Steel

**Non-Ferrous Metals and Alloys:** Aluminium • Cadmium Plating • Chrome Plating • Copper • Hastelloy • Inconel • Magnesium and Magnesium Alloys • Monel • Ni-Cad Plating • Nickel, Nickel Alloys and plating • Titanium and Titanium Alloys

**Plastics, Composites:** Acrylics • Epoxy Resin • High Density Polyethylene/HDPE • Nitrile Butadiene Rubber Polypropylene/PP • Polyvinyl Chloride/PVC

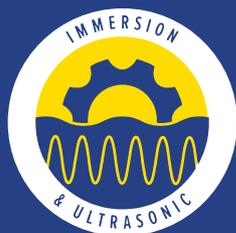
**Other:** • Glass • Painted Surfaces

Minimum Recommended Concentration for cleaning aluminium is 5%

### Removes a Wide Range of Soils

**AquaVantage 815GD-NF** removes a wide range of organic and inorganic soils found in OEM and rebuild facilities including;-  
Buffing Compounds • Carbon • Coolants • Dirt (Particulate) • Fat • Flux • Grease • Oil (General Cutting, Drawing Compounds, Forming, Honey, Hydrocarbon, Lubricants, Self Emulsifying, Silicon/Greases, Sulphur/Chlorinated, Water-Soluble)

25 litres



# BIO-CLEAN

**EXCLUSIVE DISTRIBUTOR FOR BRULIN INDUSTRIAL PRODUCTS IN THE UK AND IRELAND**

Bio-Clean Ltd, Waterhouse, Greenfields Rd, Horley Surrey RH6 8HW T: +44 (0)1293 424200 E: sales@bioclean.co.uk W: www.bioclean.co.uk

## Cleaning Ranges & Directions

### Cleaning Ranges

<b>System</b>	Immersion and Ultrasonic Tanks
<b>Dilution Rate</b>	5-30% typically used at 10% v/v
<b>Temperature</b>	54-77°C typically used at 60-66°C
<b>Clean Time</b>	1-30 minutes; typically, 3-10 mins

1. Add **AquaVantage 815GD-NF** in water to % required
2. Mix solution thoroughly and heat to specified temperature
3. Immerse, agitate or ultrasonic parts until soil is removed
  - NB Keep parts wet between stages until rinsing is finished
4. Heated Rinse using purified water to a conductivity level of the cleaning standard required
  - Ultra-Clean Applications ≤ 50 Microsiemens
  - Precision Cleaning ≤ 500 Microsiemens
  - Gross Cleaning > 500 Microsiemens
5. Dry parts immediately after final rinse

### Industry Approvals

- **Airbus:** AIPI 09-01-003 Aqueous Cleaning Agents
- **Airbus:** CML, 08AKB1
- **Bae Systems:** Process Specification R10-6024
- **Boeing:** BAC 5749; Alkaline Cleaning (PSD 6-59)
- **Boeing:** HP 9-25 Degreasing
- **Boeing:** BAC 5763; Emulsion Cleaning (PSD 6-153)
- **Bombardier Aerospace:** BAPS 180-040
- **Bombardier Aerospace:** BAPS 180-001 (Rev A
- **Bombardier (de Havilland):** PPS 31.04, Issue 21
- **Meggitt Aircraft Braking Systems:** AP-842 (32-46-35)
- **Messier-Dowty:** PCS-2621
- **Rolls-Royce:** OMAT 1/24S, CSS 204
- **Safran:** PR-1500
- **Safran Group:** CMM 24-30-09
- **Safran Aero Engines:** DMP 13-300
- **UTC Aerospace Systems (Rohr):** GSIL 2006-01

### Test Compliance

- **ASTM F-483:** Total Immersion Corrosion
- **ASTM F-519:** Hydrogen Embrittlement (Type 1c Bare)
- **ASTM F-1110:** Sandwich Corrosion
- **ASTM F-945:** Titanium Stress Corrosion (AMS 4916 and 4911 Alloys)
- **REACH and RoHS Compliant**

### Health & Safety

**DANGER** Causes skin irritation. Causes serious eye damage. Harmful to aquatic life with long term effects

#### PRECAUTIONS

Wear chemical gloves and safety glasses  
Wash hands thoroughly after handling  
Avoid release to the environment

**IF IN EYES:** Rinse cautiously with water for several minutes  
Remove contact lenses

**IF ON SKIN:** Wash with plenty of water  
Remove contaminated clothing.

If eye or skin irritation persists, get medical attention.

**STORAGE:** Store away from incompatible materials.

#### DO NOT ALLOW TO FREEZE

**DISPOSAL:** Dispose of waste and residues in accordance with local authority requirements.

- KEEP OUT OF REACH OF CHILDREN
- FOR INDUSTRIAL USE ONLY

#### CHEMTREC EMERGENCY NUMBER:

International +1 703 527 3887

### Right to Know Ingredients

Water (CAS # 7732-18-5), POLY(OXY-1,2-ETHANEDIYL), ALPHA-(2-PROPYLHEPTYL)-  
OMEWGA.-HYDROXY (CAS # 160875-66-1),  
Sodium Salt of Alkylamide Surfactant (CAS # N/A),  
Sodium Tripolyphosphate (CAS # 7758-29-4)