



# AQUAVANTAGE® LTS

Low Temperature Spray Wash

**Industrial Strength  
Cleaning combined  
with Energy  
Sustainability**



**Spray Wash  
Detergent**

With low-temperature foam control cleanability and broad material compatibility testing, Aquavantage LTS is the product of choice in spray wash cleaning applications where energy savings are critical, heating capacity is limited, or broad foam control is needed. No APE.

- **Versatile Parts Cleaner**  
Safely cleans virtually all metals including steels, aluminum, copper alloys, magnesium, nickel alloys and titanium at reduced temperatures for greater versatility and economy.

## Benefits

- **Aerospace tested**
- **Low foaming to Non foaming at Temperatures above 75°F (24°C)** - Reduces Process Tank Heating Cost
- **Water-Based Dilutable Formulation** - For Environmental Safety & Economy of Use
- **Extends Bath Life** - Creates Labor Savings & Reduces Costs
- **In-Process Corrosion Control**
- **Free Rinsing** - Cleaner Parts & Simplified Cleaning

## Greener 15 Ways

More user and environmentally friendly, reducing costly paperwork

1. No Hazardous Ingredients as Listed on the MSDS (w/OSHA PELs)
2. No SARA Title III, Section 313 Reportable
3. No Ozone Depleting Substances
4. No Global Warming Potential
5. No CERCLA Reportable
6. No RCRA Reportable Ingredients or Characteristics
7. No Caustic
8. No Glycol Ethers
9. No APs (Alkylphenols) or APEs (Alkylphenol ethoxylates)
10. No Chelants
11. No Butyl
12. No Amines
13. Recycles Easily
14. Biodegradable
15. RoHS Compliant

## Test Compliance

- ARP 1755B: Stock Loss (Cat.10)

# AQUAVANTAGE LTS

## Performance Properties

### Substrates

*Aquavantage LTS is non-corrosive and non-staining to a wide variety of alloys. Some selected categories of materials compatible with Aquavantage LTS include\*:*

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

**Non-Ferrous Metals & Alloys:** Aluminum • Cadmium Plating • Chrome Plating • Copper (Alloys & Plating) • Magnesium & Magnesium Alloys • Nickel, Nickel Alloys & Plating • Titanium & Titanium Alloys

**Plastic & Composites:** Acrylics • High Density Polyethylene/HDPE • Nitrile Butadiene Rubber • Polyvinyl Chloride/PVC • Rubber

### Soils

*Aquavantage LTS removes a wide range of organic and inorganic soils. Some categories of soils that can be removed with Aquavantage LTS include\*:*

**Coolants • Dirt (Particulate) • Oil (General, Cutting, Hydrocarbon, Lubricants, Self Emulsifying, Water Soluble)**

*\* Material compatibility should always be confirmed via testing with specific contaminants under specific cleaning conditions.*

### Use Recommendations

<b>System</b>	Spray Wash (Batch or Continuous)
<b>Dilution</b>	3-15%, typically used at 7.5%
<b>Cleaning Temperature Range</b>	75-125°F (24-52°C), typically used at 110°F (43°C)
<b>Cleaning Duration</b>	1-30 minutes; typically parts are clean in 3-10 minutes
<b>Rinse Water Quality</b>	Recommended conductivity of final rinse water: <ul style="list-style-type: none"> <li>• Ultra-Clean Applications: ≤ 50 microsiemens</li> <li>• Precision Cleaning: ≤ 500 microsiemens</li> <li>• Gross Cleaning: &gt; 500 microsiemens</li> </ul>
To avoid spotting, it is best if the parts remain wet between processing stages.	

### Typical Chemical Characteristics

Physical Form	Liquid
Color	Slight Yellow
Odor/Fragrance	Mild
Viscosity	Water-thin
Weight	8.42 lbs/gal (1.012 g/ml)
pH of Concentrate	7.5
pH of Working Solution	~ 6.0 – 8.0
Flash Point	None to boiling
Foaming Tendency	Very Low
Cloud Point	> 105°F (40.5°C)
Calculated V.O.C	0% (0 g/l)

DISTRIBUTED BY:

PRODUCT NUMBER  
**431035**



### Packaging

**SHIPPING:** Non-hazardous for shipping by ground, sea, or air in all package sizes.

**STORAGE:** Store in well-ventilated areas at temperatures between 40-100°F (4-43°C). Mix well before using. Recommended shelf life of this product is 18 months.

**DISPOSAL:** Biodegradable. Pretreat by skimming and/or filtering. Final sewerability is determined by the municipal sewer district covering the plant location.

### AVAILABILITY:

- 5 Gal (19L)
- 55 Gal (208L)
- 275 Gal Tote (1,041L)
- Bulk - up to 5,000 Gal (~19,000L)

### Companion Products

**Formula 815 GD** (Product No. 301007)

The Cleaning Standard in Immersion & Ultrasonic Detergents

**RP835** (Product No. 422006)

Corrosion Inhibitor

**800.776.7149**  
**WWW.BURLIN.COM**  
**ISO 9001:2008 CERTIFIED**