

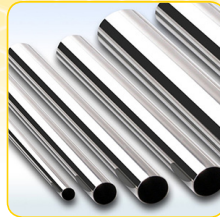


AquaVantage® 515 NF



Heavy-Duty Spray Wash Detergent

Precision
Metal



Aggressive cleaning for the most tenacious soils, and broad compatibility with steel aluminum and most common substrates – AquaVantage 515 NF is the ideal detergent for heavy-duty spray wash cleaning processes. This one-product solution is effective on a wide-range of soils and substrates. Plus it's economical.

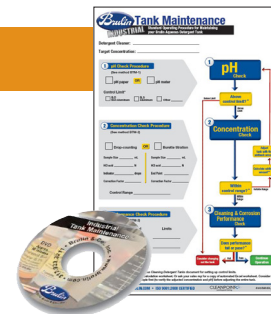
Benefits

- Water-Based, Dilutable Formulation – Dilutes Specific to Your Application
- Extends Bath Life – Creates Labor Savings & Reduces Costs
- In-Process Corrosion Control
- Low Foaming
- Free Rinsing – Cleaner Parts & Simplified Cleaning
- Low Evaporation Rate
- Reduced Cleaning Rework & Rejects
- Separates Oil Effectively for Easy Skimming
- RoHS Compliant

TANK MAINTENANCE

Proper maintenance of your immersion/ultrasonic tank or spray wash system will ensure the longest possible detergent bath life, the best part cleaning performance and the optimal assurance against part corrosion.

BHC has developed Maintenance Guidelines for Aqueous Detergent Tanks, a comprehensive flow chart to illustrate the process and a step-by-step video to guide you through.



Concentration Verification for AquaVantage 515 NF

BruLin Titration Kit	(Prod. No. XTRKIT)
Sample Size:	20 mL
Titrant:	1.0 N HCl Solution
Indicator:	Bromophenol Blue (2 Drops)
Concentration %:	Drops Titrant x 0.31



AquaVantage® 515 NF

Performance Properties

Substrates

AquaVantage 515 NF is non-corrosive and non-staining to a wide variety of alloys. Some selected categories of materials compatible with AquaVantage 515 NF include*:

Ferrous Metals: Carbon Steel • Stainless Steel

Non-Ferrous Metals & Alloys: Aluminum • Brass** • Chrome Plating • Copper (Alloys & Plating)** • Magnesium & Magnesium Alloys** • Tin • Titanium & Titanium Alloys

Plastic & Composites: Epoxy Resin • High Density Polyethylene/HDPE • Nitrile Butadiene Rubber • Polypropylene/PP • Polyvinyl Chloride/PVC • Vinyl

Other: Concrete

Soils

AquaVantage 515 NF removes a wide range of organic and inorganic soils. Some categories of soils that can be removed with AquaVantage 515 NF include*:

Buffing Compounds • Carbon • Coolants • Dirt (Particulate) • Fat • Flux • Grease • Oil (General, Cutting, Drawing Compounds, Fingerprints, Forming, Honey, Hydrocarbon, Lubricants, Self Emulsifying, Silicone /Greases, Sulfur/Chlorinated, Water-Soluble) • Rubber & Tire Marks • Tar & Pitch

*Material compatibility should always be confirmed via testing with specific substrates under specific cleaning conditions. **Minor discoloration may occur under certain conditions.

Use Recommendations

System	Spray Wash (Batch or Continuous)
Dilution	3-15%, typically used at 5%
Cleaning Temperature Range	135-170°F (57-77°C), typically used at 150°F (66°C)
Cleaning Duration	3-10 minutes: typical parts are cleaned in 7 minutes
Rinse Temperature	A heated rinse may improve overall performance. Some OEM process specifications may require a heated rinse.
Rinse Water Quality	Recommended conductivity of final rinse water: • Precision Cleaning: ≤ 500 microsiemens • Gross Cleaning: > 500 microsiemens
To avoid spotting, it is best if the parts remain wet between processing stages.	

Authorized Representative:

Typical Chemical Characteristics

Physical Form	Liquid
Color	Blue-Green
Odor/Fragrance	Mild
Viscosity	Water-thin
Weight	9.11 lbs/gal (1.092 g/ml)
pH of Concentrate	13.2
pH of Working Solution	12.1
Flash Point (PMCC)	None to Boiling
Foaming Tendency	Low
Calculated V.O.C	1.45% (15.83 g/L)
Freeze/Thaw	Reusable after thawing & remixing

Shipping: Packing Group II

Storage: Store in well-ventilated areas at temperatures between 40-120°F (4-49°C). The recommended shelf life of this product is 18 months.

Disposal: Dispose of waste and residues in accordance with local authority requirements. Please recycle container.

Prevention: Wear safety glasses with side shields (or goggles). Wear protective gloves. Do not breathe mist or vapor. Wash hands thoroughly after handling.

Product Number: 301038
(Formerly Formula 515NF)

Availability:

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

BHC offers a full line of Burlin-branded industrial chemicals for industries such as Space & Aerospace, Automotive, Precision Metal, Medical and Optics.



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