



SolVantage™ Metal Prep Solvents

Multi-Purpose Wipe Solvents

SolVantage™ MP 1793 & WIPES

SolVantage MP 1793

- Multi-purpose wipe, recirculating tank, spray and ambient temperature immersion degreasing solvent. Can be used as a pre-clean to remove heavy greases and oils prior to other degreasing processes.
- Leave low residue on surfaces for further metal prep. High dielectric strength.

Product Number: 304017
(Formerly Burlin MP 1793)

- Availability:
- 32 oz/12
 - 5 Gal (19L)
 - 55 Gal (208L)

SolVantage MP 1793 Wipes

- RTU solvent-saturated wipe/towelette.

Product Number: 304030
(Formerly Burlin MP 1793 Wipes)

- Availability:
- 100 Wipe Cont/6

Directions

Wet cloth or towel with product. Wipe substrate until soil is removed, and to remove excess solvent. Turn, fold or change cloth as needed. Use a dry, clean cloth or towel to speed drying.

Industry Approvals & Conformance

- Approved for use with Dow Corning Silicone Building Sealants per ASTM C-794; Peel Adhesion Test
- Approved for use with GE Structural Adhesives per ASTM C-794; Peel Adhesion Test
- Boeing: Number 84086
- Boeing (McDonnell Douglas): DPM 6380-1; MCS 6000, Type IB, Type III B, Type V, Type VI
- National Stock Number: QT Size; 6850-01-466-6164
- National Stock Number: 05 Size; 6850-01-466-6172
- National Stock Number: 55 Size; 6850-01-466-6175
- National Stock Number: 6/100 Wipe Size; 6850-01-466-6157
- Sikorsky Aircraft (United Technologies): QPL SS9170/204 rev1
- USDA K1

Test Compliance

- ARP 1755B: Stock Loss Tests (Cat 9)
- ASTM C-794: Peel Adhesion Test
- ASTM D-877: Dielectric Breakdown (to 30,000 volts)
- ASTM F-519: Hydrogen Embrittlement (Type 1c)
- ASTM F-945: Titanium Stress Corrosion

Performance Properties

Substrates

SolVantage MP 1793 is non-corrosive and non-staining to a wide variety of substrates. Some selected categories of materials compatible with SolVantage MP 1793 include*:

Ferrous Metals: Carbon Steel • Stainless Steel

Non-Ferrous Metals & Alloys: Aluminum • Brass • Cadmium Plating • Chrome Plating • Copper (Alloys & Plating) • Hastelloy • Inconel • Magnesium & Magnesium Alloys • Monel • Ni-Cad Plating • Nickel, Nickel Alloys & Plating • Titanium & Titanium Alloys • Tin • Titanium & Titanium Alloys • Zinc & Galvanized

Other Surfaces: Concrete • Glass

Soils

SolVantage MP 1793 removes a wide range of organic and inorganic soils. Some categories of soils that can be removed with SolVantage MP 1793 include*:

Adhesives • Caulks • Dirt (Particulate) • Fat • Fluorinated greases • Grease • Oil (General, Cutting, Drawing Compounds, Fingerprints, Forming, Honey, Hydrocarbon, Lubricants, Self Emulsifying, Silicone/Greases, Sulfur/Chlorinated) • Smoke Residue • Tar & Pitch • Waxes

**Although this information is believed to be accurate, cleaning performance should be confirmed via testing with specific contaminants under specific cleaning conditions.*

Typical Chemical Characteristics

Physical Form	Liquid
Color	Water White
Odor/Fragrance	Mild
Viscosity	< 10 cSt
Weight	6.38 lbs/gal
Boiling Point	354-489°F (179-254°C)
Flash Point (PMCC)	142°F (61°C) (PMCC)
Specific Gravity	0.77
V.O.C (weight %)	80%

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

Storage: Store in well-ventilated areas at temperatures between 40-110°F (4-43°C). The recommended shelf life of this product is 24 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). For prolonged or repeated skin contact use suitable protective gloves.



SolVantage™ Metal Prep Solvents

SolVantage™ SD 1291

Directions

Wet cloth or towel with product. Wipe substrate until soil is removed. Change cloth or towel as needed. After soil has been removed, wipe excess solvent from surface with a clean, dry cloth, turning frequently. Change cloth or towel as needed.

Performance Properties

Substrates

SolVantage SD 1291 is non-corrosive and non-staining to a wide variety of substrates. Some selected categories of materials compatible with SolVantage SD 1291 include*:

Ferrous Metals: Carbon Steel • Stainless Steel

Non-Ferrous Metals & Alloys: Aluminum • Brass • Cadmium Plating • Chrome Plating • Copper (Alloys & Plating) • Hastelloy • Inconel • Magnesium & Magnesium Alloys • Monel • Ni-Cad Plating • Nickel, Nickel Alloys & Plating • Titanium & Titanium Alloys • Tin • Titanium & Titanium Alloys • Zinc & Galvanized

Plastics & Composites: High Density Polyethylene/HDPE • Polypropylene/PP

Other Surfaces: Concrete • Glass

Soils

SolVantage SD 1291 removes a wide range of organic and inorganic soils. Some categories of soils that can be removed with SolVantage SD 1291 include*:

Adhesives • Caulks • Dirt (Particulate) • Fat • Fluorinated Greases • Grease • Inks • Oil (General, Cutting, Drawing Compounds, Fingerprints, Forming, Honey, Hydrocarbon, Lubricants, Self Emulsifying, Silicone/Greases, Sulfur/Chlorinated) • Smoke Residue • Uncured Urethane • Waxes

**Although this information is believed to be accurate, cleaning performance should be confirmed via testing with specific contaminants under specific cleaning conditions.*

SolVantage SD 1291

- Quick drying multi-purpose RTU wipe solvent for degreasing, replacement of MEK, Acetone, IPA in removal of CIC, oils and waxes. Residue-free.

Product Number: 304012

(Formerly Burlin SD 1291)

Availability: 5 Gal (19L) • 55 Gal (208L)

Industry Approvals & Conformance

- Ford: Tox #138532
- GM: FID Number - 261497
- National Stock Number: 05 Size; 6850-01-423-1072
- Navy Specifications - Removal of Grease and Adhesives to Replace MEK Publication Manual
 - 110-300 Air Frames
 - 150-300 Power Plants
- Sikorsky Aircraft (United Technologies): QPL SS9170/204 rev1

Test Compliance

- ARP 1755A: Stock Loss (Cat. 9)
- ASTM D-471: Effect on Rubber Property
- ASTM D-485: Unpainted Aircraft Surfaces
- ASTM D-5229: Moisture Absorption
- ASTM F-519: Hydrogen Embrittlement (Type 1c)
- ASTM F-945: Titanium Stress Corrosion (AMS 4911 Alloy)

Typical Chemical Characteristics

Physical Form	Liquid
Color	Water White
Odor/Fragrance	Sweet / Pungent
Viscosity	Water-Thin
Weight	7.91 lbs/gal
Boiling Point	329-373°F (165-189°C)
Flash Point (PMCC)	155°F (68°C) (PMCC)
Specific Gravity	0.95
Evaporation Rate	< 0.1 (n Butyl Acetate =1)
Vapor Pressure	0.4 mm Hg
V.O.C (weight %)	100%

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

Storage: Store in well-ventilated areas at temperatures between 40-110°F (4-43°C). The recommended shelf life of this product is 24 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.

Authorized Representative:



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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