

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003

DateRun: 03/27/2003

Experimenters: Heidi Wilcox

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Buffing/Polishing Compounds

Cleaning Methods: Immersion/Soak

Analytical Methods: Gravimetric

Purpose: Laboratory evaluations of alternative cleaning products

Experimental Procedure: Basic cleaning performance testing was conducted using ASTM G122 as the bases for cleaning.
Cleaning: 5 min Immersion cleaning with stir-bar agitation @ 120 F
Rinsing: 1/2 min, manual, in 102 F water (tap)
Drying: 1 min with heat gun @ 500F
Contaminant: Jakson Lea Lm 12 Antique Buffing Compound
Cas# 9000-70-8, 1344-28-1, 409-21-2, 1309-37-1

Results:

Summary:

| | | | | | | |
|------------------------------------|---|-----------------------------|--------------------|-------------------------------------|----------------------|--|
| Substrates: | | Stainless Steel | | | | |
| Contaminants: | | Buffing/Polishing Compounds | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: | |
| Ashland Specialty Chemical Company | Perchloroethylene | 5 | 98.82 | <input checked="" type="checkbox"/> | | |
| Brulin Corporation | Airshow W | 5 | 95.54 | <input checked="" type="checkbox"/> | | |
| BioGenesis Enterprises Inc | BG Solv 717 Ink & Graffiti Cleaner | 100 | 99.54 | <input checked="" type="checkbox"/> | | |
| Gemtek Products | SC EZ Solv Safety Solvent | 100 | 92.08 | <input checked="" type="checkbox"/> | | |
| CRC Industries | HydroForce Butyl-Free All Purpose Cleaner | 100 | 98.03 | <input checked="" type="checkbox"/> | | |
| Buckeye International | Work Out | 100 | 102.38 | <input checked="" type="checkbox"/> | | |

Conclusion: