

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 03/05/2002

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Abrasive

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 at 120 F with stir-bar agitation.  
Rinsing: 1/2 min. manual with water at 120 F.  
Drying: 1 min. with heat gun at 500 F.  
Contaminant: Lea Manufacturing Company, 2-B-111 Abrasive fatty acids, glycerides and petroleum oil/wax mix, silica dust (148008-60-7)

## Results:

### Summary:

| <b>Substrates:</b>                |                                    | Stainless Steel |             |                                     |               |  |
|-----------------------------------|------------------------------------|-----------------|-------------|-------------------------------------|---------------|--|
| <b>Contaminants:</b>              |                                    | Abrasive        |             |                                     |               |  |
| Company Name:                     | Product Name:                      | Conc.:          | Efficiency: | Effective:                          | Observations: |  |
| United Laboratories International | United 450 All Clear               | 5               | 74.30       | <input type="checkbox"/>            |               |  |
| EnviroSan Products Ltd            | Solution 2000                      | 5               | 57.39       | <input type="checkbox"/>            |               |  |
| CRC Industries                    | Complex Blue                       | 5               | 86.52       | <input checked="" type="checkbox"/> |               |  |
| Dysol                             | DS 108 Wipe Solvent                | 100             | 18.57       | <input type="checkbox"/>            |               |  |
| Heatbath Corporation              | Alu-Kleen 36                       | 5               | 80.82       | <input type="checkbox"/>            |               |  |
| Heatbath Corporation              | Power Wash Cleaner BCR             | 5               | 81.94       | <input type="checkbox"/>            |               |  |
| Oakite Products                   | Inproclean 2000                    | 5               | 93.56       | <input checked="" type="checkbox"/> |               |  |
| Carroll Company                   | Blue Gold Heavy Industrial Cleaner | 5               | 93.88       | <input checked="" type="checkbox"/> |               |  |
| Tarksol Inc                       | Tarksol HTF 60                     | 5               | -27.28      | <input type="checkbox"/>            |               |  |
| Magnaflux                         | Daraclean 200                      | 5               | 86.39       | <input checked="" type="checkbox"/> |               |  |

### Conclusion: