# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1999

DateRun: 09/06/1999

Experimenters: Nicole Vayo

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum, Brass, Copper, Nickel, Stainless Steel

PartType: Coupon

Contaminants: Adhesive, Coatings, Inks, Lubricating/Lapping Oils, Oil

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.

Laboratory evaluation.
Contaminant: Adhesive, CAS: 9010-98-4, 95997-13-9, 68083-03-4, 108-88-3
Ink, CAS: 67-63-0, 108-88-3, 9004-70-0, 109-60-4
Oil, CAS: 64741-89-5
Coating, CAS: 64742-47-8, 64742-52-5
Lubricant, CAS: 64742-47-8, 9003-29-6

Results:

Summary:

| **Substrates:** | Aluminum, Brass, Copper, Nickel, Stainless Steel | | | | |
|---|---|---|---|---|---|
| **Contaminants:** | Adhesive, Coatings, Inks, Lubricating/Lapping Oils, Oil | | | | |
| **Company Name:** | **Product Name:** | **Conc.:** | **Efficiency:** | **Effective:** | **Observations:** |
| Magnaflux | Daraclean 200 | 5 | 83.50 | ☐ | adhesive |
| Magnaflux | Daraclean 200 | 5 | 94.20 | ☑ | coating |
| Magnaflux | Daraclean 200 | 5 | 8.54 | ☐ | ink |
| Magnaflux | Daraclean 200 | 5 | 79.80 | ☐ | oil |
| General Chemical Corporation | Aquaclean 4784 | 5 | 73.30 | ☐ | adhesive |
| General Chemical Corporation | Aquaclean 4784 | 5 | 3.75 | ☐ | ink |
| General Chemical Corporation | Aquaclean 4784 | 5 | 91.76 | ☑ | lubricant |
| Hubbard Hall Inc | Aquasonic 201 | 5 | 45.90 | ☐ | coating |
| Hubbard Hall Inc | Aquasonic 201 | 5 | 75.99 | ☐ | oil |

Conclusion: