CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 05/27/2002

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Greases

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 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: Grease Formax No. F-26
CAS#: 68815-16-7, 67701-27-3, 64742-52-5, 102-71-6

Results:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Greases				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Kyzen Corporation	Ionox HC 2	100	93.02	☑	
Safe Science Inc	Heavy Duty Kitchen Cleaner F1	5	88.37	☑	
Safe Science Inc	Heavy Duty Kitchen Cleaner F2	5	89.46	☑	
Sysco Corporation	Heavy Duty Kitchen Cleaner	5	120.03	☐	
Dow Chemical Company	XUS 40570 Development Solvent	100	24.32	☐	
Dow Chemical Company	XUS 40579 Development Solvent	100	98.81	☑	
Oakite Products	Inproclean 61 B		77.37	☐	Concentraion: 20 g/l
Oakite Products	Inproclean 2300		69.96	☐	Concentraion: 20 g/l
Magnaflux	Daraclean 121	5	98.95	☑	

Conclusion: