

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	<input checked="" type="checkbox"/>	
Safe Science Inc	Heavy Duty Kitchen Cleaner F1	5	88.37	<input checked="" type="checkbox"/>	
Safe Science Inc	Heavy Duty Kitchen Cleaner F2	5	89.46	<input checked="" type="checkbox"/>	
Sysco Corporation	Heavy Duty Kitchen Cleaner	5	120.03	<input type="checkbox"/>	
Dow Chemical Company	XUS 40570 Development Solvent	100	24.32	<input type="checkbox"/>	
Dow Chemical Company	XUS 40579 Development Solvent	100	98.81	<input checked="" type="checkbox"/>	
Oakite Products	Inproclean 61 B		77.37	<input type="checkbox"/>	Concentraion: 20 g/l
Oakite Products	Inproclean 2300		69.96	<input type="checkbox"/>	Concentraion: 20 g/l
Magnaflux	Daraclean 121	5	98.95	<input checked="" type="checkbox"/>	

Conclusion: